

I. System General Education Requirements (SGRs)

(These Requirements are common across the entire South Dakota Regental System.)

System Goal #1

Written Communication

Students will write effectively and responsibly and will understand and interpret the written expression of others.

Student Learning Outcomes: As a result of taking courses meeting this goal, students will:

1. Write using standard American English, including correct punctuation, grammar, and sentence structure;
2. Write logically;
3. Write persuasively, with a variety of rhetorical strategies (e.g., expository, argumentative, descriptive);
4. Incorporate formal research and documentation into their writing, including research obtained through modern, technology-based research tools.

Each course meeting this goal includes the following student learning outcomes: #1, #2, #3, and #4

Credit Hours: 6

Courses

ENGL 101 - Composition I Credits: 3
ENGL 201 - Composition II Credits: 3
ENGL 277 - Technical Writing in Engineering Credits: 3
ENGL 283 - Creative Writing I Credits: 3

System Goal #2

Oral Communication

Students will communicate effectively and responsibly through listening and speaking.

Student Learning Outcomes: As a result of taking courses meeting this goal, students will:

1. Prepare and deliver speeches for a variety of audiences and settings;
2. Demonstrate speaking competencies including choice and use of topic, supporting materials, organizational pattern, language usage, presentational aids, and delivery;
3. Demonstrate listening competencies by summarizing, analyzing, and paraphrasing ideas, perspectives and emotional content.

Each course meeting this goal includes the following student learning outcomes: #1, #2, and #3

Credit Hours: 3

Courses

SPCM 101 - Fundamentals of Speech Credits: 3
SPCM 215 - Public Speaking Credits: 3
SPCM 222 - Argumentation and Debate Credits: 3

System Goal #3

Social Sciences/Diversity

Students will understand the organization, potential, and diversity of the human community through study of the social sciences.

Student Learning Outcomes: As a result of taking courses meeting this goal, students will:

1. Identify and explain basic concepts, terminology and theories of the selected social science disciplines from different spatial, temporal, cultural and/or institutional contexts;
2. Apply selected social science concepts and theories to contemporary issues;
3. Identify and explain the social or aesthetic values of different cultures. In addition, as a result of taking courses meeting this goal, students will be able to demonstrate a basic understanding of at least one of the following:
4. The origin and evolution of human institutions;
5. The allocation of human or natural resources within societies;
6. The impact of diverse philosophical, ethical or religious views.

Each course meeting this goal includes the following student learning outcomes:

Required: #1, #2 and #3;

At least one of the following: #4, #5, or #6

Credit Hours: 6 (in 2 disciplines)

Courses

ANTH 210 - Cultural Anthropology Credits: 3
ANTH 220 - Physical Anthropology Credits: 3
CJUS 201 - Introduction to Criminal Justice Credits: 3
ECON 101 - Global Economy Credits: 3
ECON 201 - Principles of Microeconomics Credits: 3
ECON 202 - Principles of Macroeconomics Credits: 3
GEOG 101 - Introduction to Geography Credits: 3
GEOG 200 - Introduction to Human Geography Credits: 3
GEOG 210 - World Regional Geography Credits: 3
GEOG 212 - Geography of North America Credits: 3
GEOG 219 - Geography of South Dakota Credits: 3
GLST 201 - Global Studies I Credits: 3
HDFS 141 - Individual and the Family Credits: 3
HDFS 210 - Lifespan Development Credits: 3
HIST 151 - United States History I Credits: 3
HIST 152 - United States History II Credits: 3
INFO 102 - Social and Ethical Aspects of Informatics Credits: 3
POLS 100 - American Government Credits: 3
POLS 102 - American Political Issues Credits: 3
POLS 165 - Political Ideologies Credits: 3
POLS 210 - State and Local Government Credits: 3
POLS 253 - Current World Problems Credits: 3
PSYC 101 - General Psychology Credits: 3
REL 237 - Religion in American Culture Credits: 3
SOC 100 - Introduction to Sociology Credits: 3
SOC 150 - Social Problems Credits: 3
SOC 240 - The Sociology of Rural America Credits: 3
SOC 250 - Courtship and Marriage Credits: 3
WMST 101 - Introduction to Women's Studies Credits: 3

System Goal #4

Humanities and Arts/Diversity

Students will understand the diversity and complexity of the human experience through study of the arts and humanities.

Student Learning Outcomes: As a result of taking courses meeting this goal, students will:

1. Demonstrate knowledge of the diversity of values, beliefs, and ideas embodied in the human experience;
 2. Identify and explain basic concepts of the selected disciplines within the arts and humanities. In addition, as a result of taking courses meeting this goal, students will be able to do at least one of the following:
 3. Identify and explain the contributions of other cultures from the perspective of the selected disciplines within the arts and humanities;
 4. Demonstrate creative and aesthetic understanding;
 5. Explain and interpret formal and stylistic elements of the literary or fine arts;
 6. Demonstrate foundational competency in reading, writing, and speaking a non-English language.
- Each course meeting this goal includes the following student learning outcomes: Required: #1, #2, At least one of the following: #3, #4, #5, or #6

Credit Hours: 6 hours (in 2 disciplines or a sequence of modern language courses)

Courses

AIS 101 - Introductory Lakota I Credits: 4
AIS 102 - Introductory Lakota II Credits: 4
ARAB 101 - Introductory Arabic I Credits: 4
ARAB 102 - Introductory Arabic II Credits: 4
ART 111 - Drawing I Credits: 3
ART 112 - Drawing II Credits: 3
ART 121 - Design I 2D Credits: 3
ART 123 - Three Dimensional Design Credits: 3
ARTH 100 - Art Appreciation Credits: 3
ARTH 211 - History of World Art I Credits: 3
ARTH 212 - History of World Art II Credits: 3
ENGL 210 - Introduction to Literature Credits: 3
ENGL 211 - World Literature I Credits: 3
ENGL 212 - World Literature II Credits: 3
ENGL 221 - British Literature I Credits: 3
ENGL 222 - British Literature II Credits: 3
ENGL 240 - Juvenile Literature Credits: 3
ENGL 241 - American Literature I Credits: 3
ENGL 242 - American Literature II Credits: 3
ENGL 248 - Women in Literature Credits: 3
ENGL 249 - Literature of Diverse Cultures Credits: 3
ENGL 250 - Science Fiction Credits: 3
ENGL 256 - Literature of the American West Credits: 3
ENGL 268 - Literature Credits: 3
FREN 101 - Introductory French I Credits: 4
FREN 102 - Introductory French II Credits: 4
FREN 201 - Intermediate French I Credits: 4
FREN 202 - Intermediate French II Credits: 4
GER 101 - Introductory German I Credits: 4
GER 102 - Introductory German II Credits: 4
GER 201 - Intermediate German I Credits: 3
GER 202 - Intermediate German II Credits: 3
HIST 111 - World Civilizations I Credits: 3

HIST 112 - World Civilizations II Credits: 3
HIST 121 - Western Civilization I Credits: 3
HIST 122 - Western Civilization II Credits: 3
LAKL 101 - Introductory Lakota I Credits: 4
LAKL 102 - Introductory Lakota II Credits: 4
MCOM 151 - Introduction to Mass Communication Credits: 3
MCOM 160 - Introduction to Film Credits: 3
MUS 100 - Music Appreciation Credits: 3
MUS 130 - Music Literature and History Credits: 2
MUS 131 - Music Literature and History II Credits: 3
MUS 201 - History of Country Music Credits: 3
MUS 203 - Blues, Jazz, and Rock Credits: 3
PHIL 100 - Introduction to Philosophy Credits: 3
PHIL 200 - Introduction to Logic Credits: 3
PHIL 215 - Introduction to Social-Political Philosophy Credits: 3
PHIL 220 - Introduction to Ethics Credits: 3
REL 213 - Introduction to Religion Credits: 3
REL 224 - Old Testament Credits: 3
REL 225 - New Testament Credits: 3
REL 238 - Native American Religions Credits: 3
REL 250 - World Religions Credits: 3
RUSS 101 - Introductory Russian I Credits: 4
RUSS 102 - Introductory Russian II Credits: 4
SPAN 101 - Introductory Spanish I Credits: 4
SPAN 102 - Introductory Spanish II Credits: 4
SPAN 201 - Intermediate Spanish I Credits: 3
SPAN 202 - Intermediate Spanish II Credits: 3
THEA 100 - Introduction to Theatre Credits: 3
THEA 131 - Introduction to Acting Credits: 3

System Goal #5

Mathematics

Students will understand and apply fundamental mathematical processes and reasoning.

Student Learning Outcomes: As a result of taking courses meeting this goal, students will:

1. Use mathematical symbols and mathematical structure to model and solve real world problems;
2. Demonstrate appropriate communication skills related to mathematical terms and concepts;
3. Demonstrate the correct use of quantifiable measurements of real world situations.

Each course meeting this goal includes the following student learning outcomes: Required: #1, #2 and #3

Credit Hours: 3

Courses

MATH 102 - College Algebra Credits: 3
MATH 103 - Quantitative Literacy and Lab Credits: 3
MATH 115 - Pre-calculus Credits: 5
MATH 120 - Trigonometry Credits: 3
MATH 121-121L - Survey of Calculus and Lab Credits: 5
MATH 123 - Calculus I Credits: 4
MATH 125 - Calculus II Credits: 4
MATH 202 - Applied Informatics Credits: 3
MATH 225 - Calculus III Credits: 3
STAT 281 - Introduction to Statistics Credits: 3
NOTE: Student enrollment in the initial Mathematics course is determined by the Board of Regents placement policy (2:7.6).

System Goal #6

Natural Sciences Students will understand the fundamental principles of the natural sciences and apply scientific methods of inquiry to investigate the natural world.

Student Learning Outcomes: As a result of taking courses meeting this goal, students will:

1. Demonstrate the scientific method in a laboratory experience;
2. Gather and critically evaluate data using the scientific method;
3. Identify and explain the basic concepts, terminology and theories of the selected natural sciences;
4. Apply selected natural science concepts and theories to contemporary issues.

Each course meeting this goal includes the following student learning

outcomes: Required: #1, #2, #3 and #4

Credit Hours: 6

Courses

BIOL 101-101L - Biology Survey I and Lab Credits: 3

BIOL 103-103L - Biology Survey II and Lab Credits: 3

BIOL 151-151L - General Biology I and Lab Credits: 4

BIOL 153-153L - General Biology II and Lab Credits: 4

BIOL 200-200L - Animal Diversity and Lab Credits: 4

BOT 201-201L - General Botany and Lab Credits: 3

CHEM 106-106L - Chemistry Survey and Lab Credits: 3, 1

CHEM 108-108L - Organic and Biochemistry and Lab Credits: 4, 1

CHEM 112-112L - General Chemistry I and Lab Credits: 3, 1

CHEM 114-114L - General Chemistry II and Lab Credits: 3, 1

CHEM 115-115L - Atomic and Molecular Structure and Lab Credits: 3, 1

CHEM 120-120L - Elementary Organic Chemistry and Lab Credits: 3, 1

CHEM 127-127L - Structure & Function of Org Molecules & Lab Credits: 3, 1

GEOG 131-131L - Physical Geography: Weather and Climate & Lab Credits: 4

GEOG 132-132L - Physical Geography: Natural Landscapes & Lab Credits: 4

INFO 101 - Introduction to Informatics Credits: 3

PHYS 101-101L - Survey of Physics and Lab Credits: 4

PHYS 111-111L - Introduction to Physics I and Lab Credits: 4

PHYS 113-113L - Introduction to Physics II and Lab Credits: 4

PHYS 185-185L - Introduction to Astronomy I and Lab Credits: 3

PHYS 187-187L - Introduction to Astronomy II and Lab Credits: 3

PHYS 211-211L - University Physics I and Lab Credits: 4

PHYS 213-213L - University Physics II and Lab Credits: 4

PS 213-213L - Soils and Lab Credits: 2, 1

PS 243 - Principles of Geology Credits: 3

PS 244 - Geological Resources of South Dakota Lab Credits: 1