

**System-wide General Education Requirements (SGE)**

**30 Credits**

**GOAL 1: Written Communication**

**6 credits**

Students will write effectively and responsibly and 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:

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

**ENGL 101**            Composition I ..... 3

**ENGL 201**            Composition II ..... 3

NOTE: Student enrollment in the initial English course is determined by the Board of Regents placement policy (2:7:6).

**GOAL 2: Oral Communication**

**3 credits**

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:

Required: #1, #2, and #3

**SPCM 101**            Fundamentals of Speech ..... 3

**SPCM 215**            Public Speaking ..... 3

**SPCM 222**            Argumentation and Debate ..... 3

**GOAL 3: Social Sciences**

**6 credits (in two disciplines)**

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

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 instructional 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

ECON 201	Principles of Microeconomics *	3
ECON 202	Principles of Macroeconomics *	3
GEOG 101	Introduction to Geography *	3
HIST 151	US History I **	3
HIST 152	US History II **	3
HIST 256	World History * / **	3
POLS 100	American Government	3
POLS 210	State and Local Government	3
PSYC 101	General Psychology	3
SOC 100	Introduction to Sociology **	3
SOC 150	Social Problems **	3
SOC 285	The Information Society * / **	3

\* **Global Issues Requirement (see Part II of Institutional Graduation Requirements)**

\*\* **IGR Written Communications Requirement**

**GOAL 4: Arts and Humanities                      6 credits (in two disciplines  
or a sequence of foreign language courses)**

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; and at least one of the following: #3, #4, #5, or #6

<b>ART 111</b>	Drawing I	3
<b>ART 121</b>	Design I	3

<b>ART 123</b>	Three-Dimensional Design .....	3
<b>ARTH 100</b>	Art Appreciation .....	3
<b>ARTH 211</b>	History of World Art I* .....	3
<b>ARTH 212</b>	History of World Art II* .....	3
<b>ARTH 231</b>	Survey of Art, Music, Theatre .....	3
<b>ENGL 210</b>	Introduction to Literature** .....	3
<b>ENGL 211</b>	World Literature I* .....	3
<b>ENGL 212</b>	World Literature II* .....	3
<b>ENGL 221</b>	British Literature I .....	3
<b>ENGL 222</b>	British Literature II .....	3
<b>ENGL 241</b>	American Literature I .....	3
<b>ENGL 242</b>	American Literature II .....	3
<b>ENGL 268</b>	Literature .....	3
<b>FREN 101</b>	Introductory French I .....	4
<b>FREN 102</b>	Introductory French II .....	4
<b>HIST 121</b>	Western Civilization I* .....	3
<b>HIST 122</b>	Western Civilization II* .....	3
<b>HUM 254</b>	World Civilizations* .....	3
<b>LAKL 101</b>	Introductory Lakota I .....	4
<b>LAKL 102</b>	Introductory Lakota II .....	4
<b>MUS 100</b>	Music Appreciation* .....	3
<b>PHIL 100</b>	Introduction to Philosophy .....	3
<b>PHIL 200</b>	Introduction to Logic .....	3
<b>SPAN 101</b>	Introductory Spanish I* .....	4
<b>SPAN 102</b>	Introductory Spanish II* .....	4
<b>THEA 100</b>	Introduction to Theatre* .....	3
<b>THEA 131</b>	Introduction to Acting .....	3
<b>THEA 200</b>	Theatre History* .....	3

**NOTE: ART & ARTH are considered one discipline.**

\* Global Issues Requirement (see Part II of Institutional Graduation Requirements)

\*\* IGR Written Communications Requirement

**GOAL 5: Mathematics 3 credits**

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, #3, and #4

<b>MATH 102</b>	College Algebra .....	3
<b>MATH 104</b>	Finite Math .....	4

<b>MATH 120</b>	Trigonometry .....	3
<b>MATH 121</b>	Survey of Calculus.....	4
<b>MATH 123</b>	Calculus I.....	4
<b>MATH 125</b>	Calculus II.....	4
<b>MATH 225</b>	Calculus III .....	4
<b>MATH 281</b>	Intro to Statistics .....	3

**GOAL 6: Natural Sciences** **6 credits**

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

<b>BIOL 101</b>	Biology Survey I.....	3
<b>BIOL 103</b>	Biology Survey II.....	3
<b>BIOL 151</b>	General Biology I.....	4
<b>BIOL 165</b>	General Zoology .....	4
<b>BIOL 201</b>	General Botany .....	4
<b>CHEM 112</b>	General Chemistry I.....	4
<b>CHEM 114</b>	General Chemistry II .....	4
<b>PHYS 111</b>	Introduction to Physics I.....	4
<b>PHYS 113</b>	Introduction to Physics II/Lab .....	4
<b>PHYS 211</b>	University Physics I/Lab.....	4
<b>PHYS 213</b>	University Physics II/Lab .....	4

**GOAL 7: Information Literacy** **0 credits**

Students will recognize when information is needed and have the ability to locate, organize, critically evaluate, and effectively use information from a variety of sources with intellectual integrity.

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

1. Determine the extent of information needed.
2. Access the needed information effectively and efficiently.
3. Evaluate information and its sources critically.
4. Use information effectively to accomplish a specific purpose.
5. Use information in an ethical and legal manner.

Students will have met this Goal when they complete Goal 1 Written Communication and Goal 2 Oral Communication.