Core Curriculum Course Requirements

AREA A1 - Communication Skills (6 Credit Hours Total)

Learning Outcome
Students will demonstrate written competence in adapting communication to specific purposes and audiences.

A minimum grade of “C” will be required in all Area A1 courses.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1101</td>
<td>Composition I</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 1102</td>
<td>Composition II (Prerequisite ENGL 1101)</td>
<td>3</td>
</tr>
</tbody>
</table>

AREA A2 - Quantitative Skills (3 Credit Hours Total)

Learning Outcome
Students will represent, manipulate, and apply mathematical knowledge using analytical, graphical, and numerical approaches.

A minimum grade of “C” will be required in all Area A2 courses.

Select one math course from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 1101</td>
<td>Introduction to Mathematical Modeling (Not a prerequisite for MATH 1112 or MATH 1113)</td>
<td>3-4</td>
</tr>
<tr>
<td>MATH 1111</td>
<td>College Algebra</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1112</td>
<td>College Trigonometry (Prerequisite MATH 1111 or equivalent academic background)</td>
<td>3, 4</td>
</tr>
<tr>
<td>MATH 1113</td>
<td>Pre-Calculus (Prerequisite MATH 1111 or equivalent academic background)</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1441</td>
<td>Calculus I (Prerequisite MATH 1112 or MATH 1113 or equivalent academic background)</td>
<td>3</td>
</tr>
</tbody>
</table>

1 Satisfies Area A2 in CLASS and some CHHS Programs.
2 Credit earned for only one of these courses (College Algebra (MATH 1111) or Introduction to Mathematical Modeling (MATH 1101)) can count toward graduation.
3 Credit earned for only one of these courses (College Trigonometry (MATH 1112) or Pre-Calculus (MATH 1113)) can count toward graduation.
4 Fulfills the Pre-Calculus (MATH 1113) requirement for most majors.

AREA B - Global Engagement (4 Credit Hours Total)

Learning Outcome
Students will identify major themes across diverse societies in their historical and cultural contexts and will apply this knowledge through engagement in local and global communities.

Credit Hours

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 1112</td>
<td>World History II: Emergence of Modern Global Community</td>
<td>3</td>
</tr>
<tr>
<td>FYE 1410</td>
<td>Global Citizens (Prerequisite FYE 1220)</td>
<td>1</td>
</tr>
</tbody>
</table>

1 For students entering before Fall 2011 - (IDS) Interdisciplinary Studies 2210 (Turning Points and Connections)

AREA C - Humanities, Fine Arts, and Ethics (6 Credit Hours Total)

Learning Outcome
Students will analyze historical and contemporary fine arts or other cultural products from individual and diverse social perspectives.

Students may satisfy Area C by successfully completing requirements outlined below in Option 1 or Option 2.

Option 1

Select one literature course from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 2111</td>
<td>World Literature I (Prerequisites ENGL 1101 and ENGL 1102)</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 2112</td>
<td>World Literature II (Prerequisites ENGL 1101 and ENGL 1102)</td>
<td>3</td>
</tr>
</tbody>
</table>

Select one humanities/fine arts/ethics course from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 1000</td>
<td>Art in Life</td>
<td>3</td>
</tr>
<tr>
<td>COMM 1110</td>
<td>Public Speaking (Prerequisite ENGL 1101)</td>
<td>3</td>
</tr>
<tr>
<td>FOREIGN LANGUAGE 1001</td>
<td>Elementary I</td>
<td>1</td>
</tr>
<tr>
<td>FOREIGN LANGUAGE 1002</td>
<td>Elementary II</td>
<td>1</td>
</tr>
<tr>
<td>FOREIGN LANGUAGE 2001</td>
<td>Intermediate I</td>
<td>1</td>
</tr>
<tr>
<td>FOREIGN LANGUAGE 2002</td>
<td>Intermediate II</td>
<td>1</td>
</tr>
<tr>
<td>FOREIGN LANGUAGE 1060</td>
<td>Accelerated Elementary (3 of 6; 3 credit hours to Area C)</td>
<td>1</td>
</tr>
<tr>
<td>FOREIGN LANGUAGE 2060</td>
<td>Accelerated Intermediate (3 of 6; 3 credit hours to Area C)</td>
<td>1</td>
</tr>
<tr>
<td>HUMN 2433</td>
<td>Classicism</td>
<td>3</td>
</tr>
<tr>
<td>HUMN 2434</td>
<td>Myth in Arts and Humanities</td>
<td>3</td>
</tr>
<tr>
<td>MUSC 1100</td>
<td>Music Appreciation</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 2010</td>
<td>Introduction to Philosophy</td>
<td>3</td>
</tr>
<tr>
<td>RELS 2130</td>
<td>Introduction to Religion</td>
<td>3</td>
</tr>
<tr>
<td>THEA 1100</td>
<td>Theatre Appreciation</td>
<td>3</td>
</tr>
<tr>
<td>UHON 1132</td>
<td>Inquiry in the Humanities</td>
<td>3</td>
</tr>
</tbody>
</table>

Option 2

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>HUMN 2321</td>
<td>Humanities I (Prerequisite or concurrent enrollment in ENGL 1101)</td>
<td>3</td>
</tr>
<tr>
<td>HUMN 2322</td>
<td>Humanities II (Prerequisites ENGL 1101 and HUMN 2321)</td>
<td>3</td>
</tr>
</tbody>
</table>
Language can be Arabic, Chinese, French, German, Japanese, Latin, or Spanish.

**AREA D - Natural Sciences, Mathematics, and Technology (11 Credit Hours Total)**

**Learning Outcome**

Students will apply foundational principles of science, math, or technology to the process of scientific inquiry.

Select one course from Section I, one course from Section II, and Section III may be satisfied by selecting a course in any of the three sections. Only two courses in the same discipline may be chosen in Area D.

### Credit Hours

**Section I - Traditional Laboratory Science Course**

Select one traditional laboratory science course from the following:

- ASTR 1010 Astronomy of the Solar System
- ASTR 1211 and Astronomy Lab
- ASTR 1020 Stellar and Galactic Astronomy
- ASTR 1211 and Astronomy Lab
- BIOL 1130 General Biology
- BIOL 1110 and General Biology Laboratory
- CHEM 1145 Principles of Chemistry I
- CHEM 1151 Survey of Chemistry I
- GEOL 1121 Introduction to the Earth
- PHYS 1111 Introduction to Physics I
- PHYS 2211 Principles of Physics I

**Section II - Environmental Science with Lab**

Select one environmental science course with lab from the following:

- BIOL 1230 Environmental Biology
- BIOL 1210 and Environmental Biology Laboratory
- CHEM 1040 Chemistry and the Environment
- GEOL 1340 Environmental Geology
- PHYS 1149 Environmental Physics

**Section III - Mathematics, Science or Technology Elective (3 credit hours minimum)**

Select one mathematics, science or technology elective.

- ASTR 1000 Introduction to the Universe
- BIOL 1331 Insects and People
- BIOL 1333 From Neuron to Brain
- BIOL 1335 Plants and Civilization
- CHEM 1030 Chemistry and Your World
- CHEM 1146 Principles of Chemistry II
- CHEM 1152 Survey of Chemistry II
- CISM 1110 Computer Applications
- CISM 1120 Computer Concepts
- CSCI 1230 Introduction to BASIC Programming
- CSCI 1232 Introduction to FORTRAN Programming
- GEOG 1111 Climate and the Landscape
- GEOG 1110 and Climate and the Landscape Lab
- GEOL 1122 General Historical Geology
- GEOL 1430 Dinosaurs, Extinctions and Disasters
- GEOL 1530 Principles of Oceanography
- MATH 1112 College Trigonometry
- MATH 1113 Pre-Calculus
- MATH 1232 Survey of Calculus
- MATH 1441 Calculus I
- MATH 2242 Calculus II
- MATH 2243 Calculus III
- PHYS 1112 Introduction to Physics II
- PHYS 1135 How Things Work
- PHYS 2212 Principles of Physics II
- STAT 2231 Introduction to Statistics I
- STAT 2232 Introduction to Statistics II
- TCGT 1530 Global Sustainability and Innovation
- UHON 1133 Inquiry in the Natural Sciences

**AREA E - Social Sciences (12 Credit Hours Total)**

**Learning Outcome**

Students will examine and articulate how constitutional, cultural, economic, geographic, historical, political, or social forces have shaped and continue to shape an evolving and diverse human experience.

### Credit Hours

- ECON 2105 Economics in a Global Society 3
- HIST 2110 U.S. A Comprehensive Survey 3
- POLS 1101 American Government 3

Select one social science elective course from the following:

- ANTH 1102 Introduction to Anthropology
- GEOG 1130 World Regional Geography
- PSYC 1101 Introduction to Psychology
- SOCI 1101 Introduction to Sociology
- UHON 1131 Inquiry in the Social Sciences

**Additional Requirements (6 Credit Hours Total)**

- FYE 1220 First-Year Seminar 2
- HLTH 1520 Healthful Living 2
- Select 2 Physical Activity Course (1 credit hour each) 2