Core Curriculum Course Requirements

A minimum grade of “C” is required in each of the following courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1101</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 1102</td>
<td>3</td>
</tr>
</tbody>
</table>

A minimum grade of "C" is required in the following courses:

Select one of the following:

- MATH 1001: Quantitative Reasoning
- MATH 1101: Introduction to Mathematical Modeling (Not a prerequisite for MATH 1112 or MATH 1113)
- MATH 1111: College Algebra
- MATH 1112: College Trigonometry (Prerequisite MATH 1111 or equivalent academic background)
- MATH 1113: Pre-Calculus Mathematics (Prerequisite MATH 1111 or equivalent academic background)
- MATH 1441: Calculus I (Prerequisite MATH 1112 or MATH 1113 or equivalent academic background)

Select one of the following:

- ART 1000: Art in Life
- ARTH 2531: Art History I
- COMM 1110: Public Speaking (Prerequisite ENGL 1101)
- HONS 1132: Inquiry in the Humanities
- HUMN 2321: Humanities I
- HUMN 2322: Humanities II
- HUMN 2433: Classicism
- HUMN 2434: Myth in Arts and Humanities
- MUSC 1100: Music Appreciation
- THEA 1100: Theatre Appreciation

Select two of the following laboratory science courses (8 hours):

- ASTR 1010 & ASTR 1211: Astronomy of the Solar System and Astronomy Lab
- ASTR 1020 & ASTR 1211: Stellar and Galactic Astronomy and Astronomy Lab
- BIOL 1103: Concepts of Biology
- BIOL 1107 & 1107L: Principles of Biology I and Principles of Biology I Laboratory
- BIOL 1108: Principles of Biology II
- BIOL 1230: Environmental Biology
- CHEM 1040: Chemistry and the Environment
- CHEM 1151K: Survey of Chemistry I
- CHEM 1152K: Survey of Chemistry II
- CHEM 1211 & 1211L: Principles of Chemistry I and Principles of Chemistry I Laboratory
- CHEM 1212 & 1212L: Principles of Chemistry II and Principles of Chemistry II Laboratory
- CHEM 1212K: Principles of Chemistry II
- GEOL 1121: Introduction to the Earth
- GEOL 1340: Environmental Geology
### Core Curriculum Course Requirements

**PHSC 1211 & 1211L**
Physical Science and Physical Science Laboratory

**PHYS 1149**
Environmental Physics

**PHYS 1111K**
Introductory Physics I

**PHYS 1112K**
Introductory Physics II

**PHYS 2211K**
Principles of Physics I

**PHYS 2212K**
Principles of Physics II

**SCIE 1212 & 1212L**
Chemical Environment and Chemical Environment Laboratory

### AREA D2 - 3 Hours Required

Any 3-4 hour course from Area D1 OR any course listed below

- ASTR 1000 Introduction to the Universe
- BIOL 1320 Diversity of Life
- BIOL 1330 Human Biology
- BIOL 1331 Insects and People
- BIOL 1335 Plants and Civilization
- CHEM 1030 Chemistry and Your World
- ENGR 1112 Introduction to Scientific Modeling and Simulation
- GEOG 1111 General Historical Geology
- GEOL 1430 Dinosaurs, Extinctions and Disasters
- GEOL 1530 Principles of Oceanography
- HONS 1133 Inquiry in the Natural Sciences
- IT 2531 Introduction to Cyber Security
- MATH 1112 College Trigonometry
- MATH 1113 Pre-Calculus Mathematics
- MATH 1232 Survey of Calculus
- MATH 1441 Calculus I
- MATH 2242 Calculus II
- MATH 2243 Calculus III
- PHYS 1010 The Physics Of Sports
- PHYS 1135 How Things Work
- SCIE 1000 Introduction to Scientific Inquiry
- STAT 2231 Introduction to Statistics I
- TCGT 1530 Global Sustainability and Innovation

### AREA E - 9 Hours Required

- **POLS 1101** American Government 3

Select one of the following:

- **HIST 2110** U.S. A Comprehensive Survey
- **HIST 2111** History of the United States to 1877
- **HIST 2112** History of the United States since 1877

Select one of the following:

- **AAST 2000** Introduction to African American Studies
- **ANTH 1102** Introduction to Anthropology
- **ECON 1101** Survey of Economics
- **ECON 1150** Prin of Macroeconomics by WC
- **ECON 2105** Principles of Macroeconomics
- **HONS 1131** Inquiry in the Social Sciences
- **PSYC 1101** Introduction to Psychology
- **SOCI 1101** Introduction to Sociology

### Additional 4 Hours Required

- **FYE 1220** First-Year Seminar 2
- **KINS 1525** Concepts of Health and Physical Activity 2

- **WGSS 2100** Introduction to Women's, Gender, and Sexuality Studies