The number of credits you take each year will determine when you graduate. To graduate on time, you are strongly encouraged to enroll in at least 30 credits toward your degree during the calendar year, including fall and spring semesters and winter and summer sessions. This Degree Pathway is designed for students who place into MA-119. Additional Degree Pathways are available for students who place into other levels of mathematics. Please see the degree website or your advisor for more information.

Courses in Bold Text are prerequisites for later courses or only offered in the Fall or Spring semester and should be taken where indicated in the sequence.

## Fall Semester #1

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisites and Corequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL-101 English Composition I</td>
<td>3</td>
<td>Prerequisite: Complete developmental requirements in English</td>
</tr>
<tr>
<td>MA-119 College Algebra (Advised Major Elective)</td>
<td>3</td>
<td>Prerequisite: Complete developmental requirements in math</td>
</tr>
<tr>
<td>MA-121 Trigonometry (Advised Major Elective)</td>
<td>1</td>
<td>Corequisite: MA-119</td>
</tr>
<tr>
<td>BI-201 General Biology I²</td>
<td>4</td>
<td>Prerequisite: Complete developmental requirements in English</td>
</tr>
<tr>
<td>BI-160 Ecology (Required for Major) – offered Fall semester only</td>
<td>4</td>
<td>Prerequisite: Complete developmental requirements in English</td>
</tr>
<tr>
<td><strong>Total credits for the term</strong></td>
<td>15</td>
<td></td>
</tr>
</tbody>
</table>

## Spring Semester #1

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisites and Corequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL-102 English Composition II</td>
<td>3</td>
<td>Prerequisite: ENGL-101 or placement</td>
</tr>
<tr>
<td>MA-440 Pre-Calculus Mathematics² (Required for Major)</td>
<td>4</td>
<td>Prerequisite: MA-119 and MA-121 (C or better in both) or MA-114 (C or better) or placement</td>
</tr>
<tr>
<td>Flexible Core 2E² – Scientific World</td>
<td>4</td>
<td>Prerequisite: BI-201</td>
</tr>
<tr>
<td>Recommended: BI-202 General Biology II</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GE-101 Physical Geology (Required for Major)</td>
<td>4</td>
<td>None</td>
</tr>
<tr>
<td><strong>Total credits for the term</strong></td>
<td>15</td>
<td></td>
</tr>
</tbody>
</table>
### Fall Semester #2

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisites and Corequisites¹</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flexible Core 2E² – Scientific World</td>
<td>4.5</td>
<td>Prerequisite: MA-119 and MA-121 or placement</td>
</tr>
<tr>
<td>CH-151 General Chemistry I</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BI-480 Environmental Science (Required for Major) – offered Fall only</td>
<td>4</td>
<td>Prerequisite: Complete developmental requirements in English</td>
</tr>
<tr>
<td>Advised Major Elective – Choose one credit from the list below</td>
<td>1</td>
<td>None</td>
</tr>
<tr>
<td>Recommended: BI-505 Current Environmental Issues</td>
<td></td>
<td></td>
</tr>
<tr>
<td>One course from Flexible Core 2A, 2B, 2C, or 2D³</td>
<td>3</td>
<td>Check individual courses for prerequisites and corequisites</td>
</tr>
<tr>
<td>One course from Flexible Core 2A, 2B, 2C, or 2D³</td>
<td>3</td>
<td>Check individual courses for prerequisites and corequisites</td>
</tr>
<tr>
<td><strong>Total credits for the term</strong></td>
<td><strong>15.5</strong></td>
<td></td>
</tr>
</tbody>
</table>

### Spring Semester #2

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisites and Corequisites¹</th>
</tr>
</thead>
<tbody>
<tr>
<td>Additional Flexible Core Course²,³</td>
<td>4.5</td>
<td>Prerequisite: CH-151</td>
</tr>
<tr>
<td>CH-152 General Chemistry II</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BI-461 Microbiology (Required for Major)</td>
<td>4</td>
<td>Prerequisite: BI-201</td>
</tr>
<tr>
<td>One course from Flexible Core 2A, 2B, 2C, or 2D³</td>
<td>3</td>
<td>Check individual courses for prerequisites and corequisites</td>
</tr>
<tr>
<td>One course from Flexible Core 2A, 2B, 2C, or 2D³</td>
<td>3</td>
<td>Check individual courses for prerequisites and corequisites</td>
</tr>
<tr>
<td><strong>Total credits for the term</strong></td>
<td><strong>14.5</strong></td>
<td></td>
</tr>
</tbody>
</table>

Notes:
1. Prerequisites for a course must be passed before taking the course. Corequisites must be passed before taking the course or taken in the same term as the course.
2. Students are required to take particular courses in some areas of the Common Core that fulfill both general education and major requirements. If students do not take the required courses in the Common Core, they will have to take additional credits to complete their degree requirements.
3. Students must complete one course from each of the Flexible Core categories (2A, 2B, 2C, 2D, and 2E) and one additional course from any one of the categories. Flexible Core Area 2E will be met by CH-151 and the One Additional Flexible Core Course requirement will be met by CH-152.

All students must complete two (2) WI designated classes to fulfill degree requirements.
Advised Major Electives – Students must complete a total of 5 credits of coursework from the following list:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Prerequisites and Corequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>BI-505 Current Environmental Issues</td>
<td>1</td>
<td>None</td>
</tr>
<tr>
<td>BI-554 Research Laboratory Internship</td>
<td>2</td>
<td>Prerequisites: BI-201 and permission of the instructor</td>
</tr>
<tr>
<td>CH-110 Chemistry and the Environment</td>
<td>3</td>
<td>None</td>
</tr>
<tr>
<td>CH-111 Chemistry and the Environment Laboratory</td>
<td>1</td>
<td>Corequisite: CH-110</td>
</tr>
<tr>
<td>ET-841 The Science of Energy and Power in the Modern World</td>
<td>3</td>
<td>None</td>
</tr>
<tr>
<td>ET-842 Energy Production and Conservation for a Sustainable World</td>
<td>1</td>
<td>Corequisite: ET-841</td>
</tr>
<tr>
<td>ET-843 The Role of Energy in Society</td>
<td>3</td>
<td>None</td>
</tr>
<tr>
<td>GE-102 Historical Geology</td>
<td>4</td>
<td>None</td>
</tr>
<tr>
<td>HE-110 Cardiopulmonary Resuscitation</td>
<td>1</td>
<td>None</td>
</tr>
<tr>
<td>MA-119 College Algebra</td>
<td>3</td>
<td>Prerequisite: Complete developmental requirements in English</td>
</tr>
<tr>
<td>MA-121 Trigonometry</td>
<td>1</td>
<td>Corequisite: MA-119</td>
</tr>
<tr>
<td>MA-336 Statistics</td>
<td>3</td>
<td>Prerequisite: MA-119 or MA-114 (either with a C or better) or placement</td>
</tr>
<tr>
<td>MA-441 Analytic Geometry and Calculus I</td>
<td>4</td>
<td>Prerequisite: MA-440 (C or better)</td>
</tr>
<tr>
<td>PH-120 Introduction to Meteorology</td>
<td>3</td>
<td>None</td>
</tr>
<tr>
<td>PH-121 Introduction to Meteorology Lab</td>
<td>1</td>
<td>Corequisite: PH-120</td>
</tr>
<tr>
<td>PH-124 Global Warming</td>
<td>3</td>
<td>None</td>
</tr>
</tbody>
</table>