### Major Requirements

<table>
<thead>
<tr>
<th>Hrs</th>
<th>Grade</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td></td>
<td>ENVS 1010 Introduction to Environmental Studies</td>
</tr>
<tr>
<td>3</td>
<td></td>
<td>ENVS 2020 Environmental Perspectives</td>
</tr>
<tr>
<td>3</td>
<td></td>
<td>ENVS 3100 Environmental Problems</td>
</tr>
<tr>
<td>3</td>
<td></td>
<td>ENVS 3010 Environmental Impact Statements</td>
</tr>
<tr>
<td>3</td>
<td></td>
<td>ENVS 4020 Environmental Impact Statements</td>
</tr>
<tr>
<td>3</td>
<td></td>
<td>SEES 3000 Geospatial Science</td>
</tr>
<tr>
<td>3</td>
<td></td>
<td>ENVS 4890 Internship</td>
</tr>
<tr>
<td>4</td>
<td></td>
<td>GEOL 1040 Earth Environments</td>
</tr>
<tr>
<td>3</td>
<td></td>
<td>MATH 1150 or 2470</td>
</tr>
<tr>
<td>4</td>
<td></td>
<td>PHYS 2010 (or 2110) Physics I</td>
</tr>
</tbody>
</table>

### Science & Social Science

<table>
<thead>
<tr>
<th>Hrs</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>CHEM 1250 General Chemistry</td>
</tr>
<tr>
<td>4</td>
<td>CHEM 1270 General Chemistry</td>
</tr>
<tr>
<td>1</td>
<td>CHEM 1280 General Chemistry Lab</td>
</tr>
<tr>
<td>4</td>
<td>BIOL 2040 General Biology I</td>
</tr>
<tr>
<td>3</td>
<td>ECON 2000, 2020, or 3350</td>
</tr>
<tr>
<td>3</td>
<td>ACS 3380 or HIST 3380</td>
</tr>
</tbody>
</table>

Choose at least 1 course from the following list:
These courses may not double count in your specialization.

<table>
<thead>
<tr>
<th>Hrs</th>
<th>Course</th>
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</thead>
<tbody>
<tr>
<td>3</td>
<td>BIOL 3010 Field Biology of Vertebrates</td>
</tr>
<tr>
<td>4</td>
<td>BIOL 3430 General Botany</td>
</tr>
<tr>
<td>4-5</td>
<td>CHEM 3080 (or 3410) Organic Chemistry</td>
</tr>
<tr>
<td>3</td>
<td>GEOL 2220 Env Geology</td>
</tr>
<tr>
<td>3</td>
<td>GEOL 2230 Hydrology</td>
</tr>
<tr>
<td>3</td>
<td>PHYS 3600 Environmental Physics</td>
</tr>
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</table>

### Arts & Sciences Requirements

<table>
<thead>
<tr>
<th>Foreign Language (_____ yrs of HS)_____</th>
<th>1010</th>
<th>1020</th>
<th>2010</th>
<th>2020/2120</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lab Science</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Quantitative Literacy</td>
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<td></td>
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<tr>
<td>Multidisciplinary Component</td>
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</tbody>
</table>

Select from approved offerings, in consultation with an advisor and a faculty mentor. Four courses total, each with a different subject prefix. At least two courses at 3000/4000 level. Courses applied to the Arts & Sciences MDC may not be used to fulfill other Arts and Sciences degree requirements, nor may they be used to fulfill major, minor, BGP or other program requirements.
### Sustainable Management Specialization

**Required Courses:**
- 3 courses
  - ENVS 4200 Environmental Planning
  - GEOL 3230 Hydrology
  - PHYS 3600 Environmental Physics

**Choose 3 Courses:**
- 3 courses
  - ESHP 2040 Introduction to Entrepreneurship
  - ECON 3350 Environmental Economics
  - ENVS 3030 Energy & Sustainability
  - ENVS 4130 Applications in Environmental GIS
  - FIN 3040 Entrepreneurial Finance
  - GEOG 2130 Meteorology
  - GEOL 3220 Environmental Geology
  - LEGS 3040 Law of Entrepreneurs
  - POLS 3031 Introduction to Public Administration
  - POLS 3360 Environmental Politics and Policies

### Restoration Specialization

**Required Courses:**
- 3 courses
  - BIOL 4160 Landscape Ecology
  - BIOL 4220 Plant Ecology
  - ENVS 4120 Great Lakes Ecosystems

**Choose 3 Courses:**
- 3 courses
  - BIOL 3010 Field Biology of Vertebrates
  - BIOL 3430 General Botany
  - BIOL 3540 Population & Community Ecology
  - BIOL 4250 Limnology
  - ENVS 3030 Energy & Sustainability
  - ENVS 4130 Applications in Environmental GIS
  - ENVS 4930 Field Experiences
  - GEOG 4040 Climatology
  - GEOL 3230 Hydrology

### Education & Interpretation Specialization

**Required Courses:**
- 4 courses
  - BIOL 3430 General Botany
  - ENVS 3340 Natural Area Interpretation
  - ENVS 4160 Environment Education

**Choose 3 Courses:**
- 3 courses
  - BIOL 3010 Field Biology of Vertebrates
  - BIOL 4140 Plant Taxonomy and Evolution
  - BIOL 4220 Plant Ecology
  - BIOL 4350 Entomology
  - BIOL 4720 Ichthyology
  - BIOL 4760 Herpetology
  - BIOL 4770 Ornithology
  - ENVS 3030 Energy & Sustainability
  - ENVS 4120 Great Lakes Ecosystems
  - ENVS 4150 Investigating Earth Systems
  - ENVS 4930 Field Experiences
  - GEOL 1050 Life through Time
  - GEOL 2500 Field-based Physical Geology
  - GEOL 2510 Field-based Historical Geology
  - HIST 3060 History of Ohio
  - HIST 3190 Indians in American History
  - TLEP 3040 Outdoor Recreation
  - TLEP 3800 Concepts & Techniques in Outdoor Education

### Watershed Management Specialization

**Required Courses:**
- 3 courses
  - BIOL 4160 Landscape Ecology
  - ENVS 3040 Water Quality in the Environment
  - GEOL 3230 Introduction to Hydrogeology
  - GEOL 4450 Surface Water Hydrogeology

**Choose 3 Courses:**
- 3 courses
  - BIOL 3540 Population & Community Ecology
  - BIOL 4100 Conservation Biology in Practice
  - BIOL 4220 Plant Ecology
  - BIOL 4250 Limnology
  - ENVS 3030 Energy & Sustainability
  - ENVS 4120 Great Lakes Ecosystems
  - ENVS 4130 Applications in Environmental GIS
  - ENVS 4200 Environmental Planning
  - GEOG 4570 Global Water Resources
  - GEOL 4100 Geomorphology
  - PHIL 2320 Environmental Ethics
  - POLS 3030 Public Administration
  - POLS 4300 Local Government Management & Politics

### Geospatial Analysis Specialization

**Required Courses:**
- 3 courses
  - CS 1010 Intro to Programming or
  - CS 2010 Intro to Object-Oriented Programming
  - SEES 4100 Geographic Information Systems
  - SEES 4500 Remote Sensing

**Choose 3 Courses:**
- 3 courses
  - BIOL 4160 Landscape Ecology
  - BIOL 4000 Biostatistics
  - CONS 3180 Construction Surveying
  - ENVS 3030 Energy & Sustainability
  - ENVS 4130 Applications in Environmental GIS
  - ENVS 4200 Environmental Planning
  - GEOG 4250 Applied GIS - Human Dimensions
  - GEOG 4260 Urban Geography
  - GEOL 3150 Quantitative Methods in Geology
For Graduation You Will Need:

1. 122 credit hours minimum.
   In Progress/Completed _________   Needed _________
2. Minimum GPA 2.00.
   Current GPA __________
3. At least 30 credit hours of BGSU course work.
   In Progress/Completed _________   Needed _________
4. 40 credit hours at the 3000/4000 level.
   In Progress/Completed _________   Needed _________
5. Completion of all degree requirements, including the BG Perspective Core.
   In Progress/Completed _________   Needed _________
6. A major, and if required, a minor, specialization or emphasis.
   Declared with the College Office ☐ Yes ☐ No

Any substitution or waiver of courses required for your major or minor program must originate in the department/school offering the major or minor and must be approved by the College Office.

To ensure a timely graduation, see a College Advisor during the semester prior to your intended graduation.

Remember to complete an Application for Graduation by the end of the second week of classes during the fall semester or spring regular session, or by the end of the first week of the summer semester. For the specific dates, check your DARS. You may log onto MyBGSU to complete the online application. After the deadlines, you will need to complete an application in person in the College Office.