Major: **Biology**  
2011-2012 - Status Sheet  
Minor: **Earth Science**  
Degree: **Bachelor of Science**  
128 hours are required to graduate  
36 hours of upper level are required  

### Major Requirements

+ **50% of major/minor courses must be from BHSU**

#### Required Core - 35 semester hours

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 151 General Biology I &amp; 151L Lab</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 153 General Biology II &amp; 153L Lab</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 371 Genetics &amp; 371L Lab</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 373 Evolution &amp; 373L Lab</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 490 Seminar</td>
<td>2</td>
</tr>
</tbody>
</table>

17 Restricted Elective - Elective courses shall be taken from two emphases, with at least two courses from one emphasis and the remainder from the other.

- **Environmental Biology Emphasis**
  - Must take BIOL 311 & 311L with this emphasis
  - BIOL 301 Plant Systematics & 301L Lab (4)
  - BIOL 317 Electron Microscopy & 317L Lab (4)
  - BIOL 325 Physiology & 325L Lab (4)
  - BIOL 331 Microbiology & 331L Lab (4)
  - BIOL 343 Cell & Molecular Biol. & 343L Lab (4)
  - BIOL 381 Vertebrate Anatomy & 381L Lab (4)
  - BIOL 422 Immunology
  - BIOL 430 Neurobiology & 430L Lab (4)

- **Cellular/Physiology Emphasis**
  - Must take BIOL 343 & 343L with this emphasis
  - BIOL 302 Animal Behavior (3)
  - BIOL 321 Conservation (3)
  - BIOL 355 Mammalogy & 355L Lab (3)
  - BIOL 357 Invertebrate Zoology & 357L Lab (4)
  - BIOL 415 Mycology & 415L Lab (3)
  - BIOL 434 Herpetology & 434L Lab (4)
  - BIOL 437 Biometry (3)
  - BIOL 461 Agrostology & 461L Lab (3)

Additional hours to total 36 upper level

### Minor in Earth Science - 20 hours

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>GEOL 201 Physical Geology &amp; 201L Lab</td>
<td>4</td>
</tr>
<tr>
<td>GEOL 203 Historical Geology &amp; 203L Lab</td>
<td>3</td>
</tr>
<tr>
<td>GEOL 321 Conservation of Natural Resources</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 185 Introduction to Astronomy</td>
<td>2</td>
</tr>
</tbody>
</table>

6 take two courses from the following:

- GEOL 310 Volcanology
- GEOL 340 Mineralogy/Petrology
- GEOL 350 Environmental Geology
- GEOL 360 Environmental Geochemistry
- GEOL 370 Hydrogeology
- SCI 388 Global Positioning & GIS

Additional hours to total 128