# Biology
## 2012-2013 - Status Sheet

**Major:** Biology  
**Minor:** Bachelor of Science Education  
**Degree:** Bachelor of Science Education

120 hours are required to graduate  
36 hours of upper level are required

**Prepared by:**

**Phone #:**

**Date:**

<table>
<thead>
<tr>
<th>Has</th>
<th>Needs</th>
</tr>
</thead>
<tbody>
<tr>
<td>100</td>
<td>300</td>
</tr>
<tr>
<td>100</td>
<td>300</td>
</tr>
<tr>
<td>100</td>
<td>300</td>
</tr>
<tr>
<td>100</td>
<td>300</td>
</tr>
</tbody>
</table>

## Gen Ed Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Has</th>
<th>Needs</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 101</td>
<td>Composition I</td>
<td></td>
</tr>
<tr>
<td>ENGL 201</td>
<td>Composition II</td>
<td></td>
</tr>
<tr>
<td>SPCM 101</td>
<td>215 222</td>
<td></td>
</tr>
<tr>
<td>MATH 102, 103, 104, 115, 120, 121, 123, 281</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3-5 Natural Science &amp; Lab</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3-5 Natural Science &amp; Lab</td>
<td></td>
<td></td>
</tr>
<tr>
<td>WEL 100</td>
<td>Wellness &amp; Lab</td>
<td></td>
</tr>
</tbody>
</table>

Social Science: take 3 courses from at least two different subject areas.  
Arts & Humanities take 4 courses from at least two different subject areas (ART(H) are the same subject).

<table>
<thead>
<tr>
<th>Course</th>
<th>Has</th>
<th>Needs</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH 210, 220, 230</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ECON 101, 201, 202</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GEOG 101, 200, 210, 212, 219</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HIST 151, 152, 256, 257, 313</td>
<td></td>
<td></td>
</tr>
<tr>
<td>POLS 100, 101, 123, 250, 253, 349</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSYC 101, 102</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SOC 100, 150, 240, 250, 285, 350</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Arts & Humanities - 4 courses required**

<table>
<thead>
<tr>
<th>Course</th>
<th>Has</th>
<th>Needs</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 111, 121, 123</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ARTH 100, 121, 211, 212, 231, 251</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGL 115, 210, 212, 214, 221, 222, 230, 240, 241</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGL 242, 248, 249, 250, 256, 258, 268, 320</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HIST 111, 112, 121, 122</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MFL 101, 102, 134</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HUM 100, 200, 254, 387, 388</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MUS 100, 131, 200, 201, 230, 231, 240</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PHIL 100, 200, 215, 220, 233, 270</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REL 213, 224, 225, 238, 250, 270</td>
<td></td>
<td></td>
</tr>
<tr>
<td>THEA 100, 131, 200, 201, 231, 270</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FREN 101, 102</td>
<td>GER</td>
<td></td>
</tr>
<tr>
<td>FREN 101, 102</td>
<td>GER</td>
<td></td>
</tr>
<tr>
<td>SPAN 101, 102</td>
<td>ARAB/GREE</td>
<td></td>
</tr>
</tbody>
</table>

Global Requirement: depending on your selection, this requirement will satisfy 3 hours of either Social Science or Arts & Humanities requirements. Take 1 course from: AIS/HIST 257, ANTH 210, ARTH 211/212/251, ENGL 211/212, GEOG 210, HIST 121/122/153, HUM 100, MCOM 151, POLS 141/250.

## Major Requirements

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

**Required Core - 20 semester hours**

4. BIOL 151 General Biology I & 151L Lab  
4. BIOL 153 General Biology II & 153L Lab  
4. BIOL 371 Genetics & 371L Lab  
4. BIOL 373 Evolution & 373L Lab  
2. BIOL 490 Seminar  
2. SEED 413 7-12 Science Methods

### Environmental Biology Emphasis

Must take BIOL 311 & 311L with this emphasis  
BIOL 301 Plant Systems & 301L Lab  
BIOL 302 Animal Behavior

### Cellular/Physiology Emphasis

Must take BIOL 343 & 343L with this emphasis  
BIOL 317 Electron Microscopy & 317L Lab  
BIOL 325 Physiology & 325L Lab  
BIOL 437 Biometry (3)

### Pre-Professional Teaching Core - 18 semester hours

1. EDFN 295 Practicum: Pre-Admission Teaching  
2. EDFN 338 Foundations of American Education  
3. EPSY 302 Educational Psychology  
3. EPSY 428 Child & Adolescent Development  
3. INED 411 South Dakota Indian Studies  
3. PSYC 101 General Psychology  
3. SPED 405 Educating Secondary Students with Disabilities

### Professional Secondary Ed Teaching Core - 24 semester hours

3. EDFN 365 Computer Based Technology & Learning  
2. MLED 480 Middle Level Methods  
3. SEED 408 Plan, Manage & Assess the 7-12 Diverse Classroom  
3. SEED 450 7-12 Reading and Content Literacy  
1. SEED 495 Practicum: Pre-Student Teaching  
3. EDFN 475 Human Relations  
9. SEED 488 7-12 Student Teaching  
+ (If Necessary) Additional hours in major to meet 50% rule

## TOTALS:

79