## Biology

**2021-2022 - Status Sheet**

**Minor:** Biology

**Degree:** Bachelor of Science Education

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

### Major Requirements

**Must earn grade of 'C' or better in all required coursework.**

#### Core - 18 semester hours

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

25 Restricted Electives - Elective courses shall be taken from two emphases, with at least two courses from each emphasis. Environmental students must take BIOL 311/L. Cell/Physiology students must take BIOL 343/L.

#### Environmental Biology Emphasis

- BIOL 301/L: Plant Systematics/Lab
- BIOL 311/L: Principles of Ecology/Lab
- BIOL 321: Conservation
- BIOL 355/L: Mammalogy/Lab
- BIOL 357/L: Invertebrate Zoology/Lab
- BIOL 405/L: Entomology/Lab
- BIOL 415/L: Mycology/Lab
- BIOL 434/L: Herpetology/Lab
- BIOL 437: Biometry
- BIOL 461/L: Agrostology/Lab
- BIOL 462/L: Dendrology/Lab
- BIOL 463/L: Ornithology/Lab

#### Cell/Physiology Emphasis

- BIOL 301/L: Plant Systematics/Lab
- BIOL 311/L: Principles of Ecology/Lab
- BIOL 321: Conservation
- BIOL 355/L: Mammalogy/Lab
- BIOL 357/L: Invertebrate Zoology/Lab
- BIOL 405/L: Entomology/Lab
- BIOL 415/L: Mycology/Lab
- BIOL 434/L: Herpetology/Lab
- BIOL 437: Biometry
- BIOL 461/L: Agrostology/Lab
- BIOL 462/L: Dendrology/Lab
- BIOL 463/L: Ornithology/Lab

### Arts & Humanities - 2 courses required

- ARAB 101, 102
- ARCH 241
- ARTH 100, 121, 123
- ART 111, 112
- AS 203
- ANTH 210, 220, 230
- CJUS 201
- CMST 201
- CON 201, 202
- GEOG 101, 210, 212, 219
- HDFS 141, 210
- HIST 151, 152, 256, 257
- INED 211, INFO 102
- NATV 110
- POLS 100, 102, 141, 165
- SOC 100, 151
- SOCT 201
- UHON 111, 210
- WMST 101, 247
- PSYC 101

### Social Science - 2 courses required

- PSYC 101: required for major, and will also satisfy a SS class. Take 1 additional course from the following:
  - ABS 203
  - ANTH 210, 220, 230
  - CJUS 201
  - CMST 201
  - CON 201, 202
  - GEOG 101, 210, 212, 219
  - HDFS 141, 210
  - HIST 151, 152, 256, 257
  - INED 211, INFO 102
  - NATV 110
  - POLS 100, 102, 141, 165
  - SOC 100, 151
  - SOCT 201
  - UHON 111, 210
  - WMST 101, 247

### Addl. hours to total 120

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 EDFN 295</td>
<td>Practicum: Pre-Admission Teaching</td>
</tr>
<tr>
<td>2 EDFN 338</td>
<td>Foundations of American Education</td>
</tr>
<tr>
<td>3 EPSY 302</td>
<td>Educational Psychology</td>
</tr>
<tr>
<td>4 EPSY 428</td>
<td>Child &amp; Adolescent Development</td>
</tr>
<tr>
<td>3 PSYC 101</td>
<td>General Psychology (gen ed)</td>
</tr>
<tr>
<td>3 SPED 100</td>
<td>Intro to Persons with Exceptionalities</td>
</tr>
</tbody>
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### Pre-Professional Teaching Core - 15 semester hours

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>1 EDFN 375</td>
<td>Methods of Technology Integration</td>
</tr>
<tr>
<td>3 EDFN 475</td>
<td>Human Relations</td>
</tr>
<tr>
<td>3 INED 411</td>
<td>South Dakota Indian Studies</td>
</tr>
<tr>
<td>2 MLED 480</td>
<td>Middle Level Methods</td>
</tr>
<tr>
<td>3 SEED 408</td>
<td>Diverse 7-12 Classroom</td>
</tr>
<tr>
<td>3 SEED 413</td>
<td>7-12 Science Methods</td>
</tr>
<tr>
<td>1 SEED 440</td>
<td>Classroom Management</td>
</tr>
<tr>
<td>3 SEED 450</td>
<td>7-12 Reading and Content Literacy</td>
</tr>
<tr>
<td>1 SEED 495</td>
<td>Practicum: Pre-Student Teaching</td>
</tr>
<tr>
<td>9 SEED 488</td>
<td>7-12 Student Teaching</td>
</tr>
</tbody>
</table>

### TOTALS:

<table>
<thead>
<tr>
<th>Credit Total</th>
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<tbody>
<tr>
<td>90</td>
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