Major: **Biology**
2016-2017 - Status Sheet
Minor: **Earth Science**          **B.BS.BIOL**
Degree: **Bachelor of Science**          Prepared by:

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

Exit Exam: _____
CAAP Proficiency Exam: _____

Phone #:
Date:

**Black Hills State University**

## Gen Ed Requirements

| | | | | | Has 100/200 | Has 300/400 | Needs 100/200 | Needs 300/400 |
|---|---|---|---|---|---|---|---|---|
| 3 | ENGL | 101 | Composition I | | | | | |
| 3 | ENGL | 201 | Composition II | | | | | |
| 3 | SPCM | 101 | 215  222 | | | | | |
| 3 | MATH: | 102, 103, 104, 115, 120, 121, 123, 281 | | | | | | |
| 3-5 | Natural Science & Lab (see major) | | | | | | | |
| 3-5 | Natural Science & Lab (see major) | | | | | | | |

**SOCIAL SCIENCE:** take 2 courses from two different subject areas. **ARTS & HUMANITIES:** take 2 courses from two different subject areas (ART/H) are the same subject). **GLOBALIZATION:** take 1 course with a # when selecting Social Science or Arts & Humanities courses.

**Social Science - 2 courses required**

ABS 203   ANTH 210#, 220, 230   CJUS 201
ECON 201, 202   GEOG 101, 200, 210#, 212, 219   GLST 201   HDFS 141, 210   HIST 151, 152, 256, 257#   INED 211   INFO 102   NATV 110   POLS 100, 102, 141#, 165, 210, 250#, 253   PSYC 101   REL 237   SOC 100, 150, 240, 250, 285   SUST 201   UHON 111, 210   WMST 101

**Arts & Humanities - 2 courses required**

ARAB 101, 102   ARCH 241   ART 111, 112, 121, 123   ARTH 100, 120, 121, 211#, 212#, 231, 251#   CHIN 101, 102   ENGL 115, 125, 210, 211#, 212#, 214, 221, 222, 230, 240, 241, 242, 248, 249, 250, 256, 258, 268   FREN 101, 102, 201, 202   GER 101, 102, 201, 202   GFA 101   GREE 101, 102   HIST 111, 112, 121#, 122#   HUM 100# 200   LAKL 101, 102, 201, 202   LATI 101, 102   MCOM 151#, 160   MFL 101, 102   MUS 100, 117, 130, 131, 200, 201, 203, 240#   PHIL 100, 200, 215, 220, 233, 270, 287   REL 213, 224, 225, 238, 250   RUSS 101, 102   SPAN 101, 102, 201, 202   THEA 100, 131, 200, 201, 231, 270

**Additional hours to total 36 upper level**
**Additional hours to total 120**

## Major Requirements

| | | | | Has 100/200 | Has 300/400 | Needs 100/200 | Needs 300/400 |
|---|---|---|---|---|---|---|---|
| **+ 50% of major/minor courses must be from BHSU** | | | | | | | |
| 4 | BIOL | 151/L | General Biology I/Lab | | | | |
| 4 | BIOL | 153/L | General Biology II/Lab | | | | |
| 4 | BIOL | 371/L | Genetics/Lab | | | | |
| 4 | BIOL | 373/L | Evolution/Lab | | | | |
| 2 | BIOL | 490 | Seminar (Writing/Experiential) | | | | |
| 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/L | Plant Systematics/Lab (4) | |
| BIOL | 302 | Animal Behavior (3) | |
| **BIOL** | **311/L** | **Principles of Ecology/Lab (4)** | |
| BIOL | 321 | Conservation (3) | |
| BIOL | 355/L | Mammalogy/Lab (3) | |
| BIOL | 357/L | Invertebrate Zoology/Lab (4) | |
| BIOL | 405/L | Entomology/Lab (4) | |
| BIOL | 415/L | Mycology/Lab (3) | |
| BIOL | 434/L | Herpetology/Lab (4) | |
| BIOL | 437 | Biometry (3) | |
| BIOL | 461/L | Agrostology/Lab (3) | |
| BIOL | 462/L | Dendrology/Lab (4) | |
| BIOL | 463/L | Ornithology/Lab (4) | |

*Cellular/Physiology Emphasis*
Must take BIOL 343 & 343L with this emphasis

| | | | |
|---|---|---|---|
| BIOL | 317/L | Electron Microscopy/Lab (3) | |
| BIOL | 325/L | Physiology/Lab (4) | |
| BIOL | 331/L | Microbiology/Lab (4) | |
| **BIOL** | **343/L** | **Cell & Molecular Biology/Lab (4)** | |
| BIOL | 381/L | Vertebrate Anatomy/Lab (4) | |
| BIOL | 422 | Immunology (3) | |
| BIOL | 430/L | Neurobiology/Lab (4) | |
| BIOL | 437 | Biometry (3) | |
| BIOL | 460/L | Evolutionary & Ecological Plant Phys/Lab (3) | |
| BIOL | 474/L | Ecological Genomics/Lab (4) | |
| + | | (If Necessary) Additional hours in major to meet 50% rule | |

**Minor in Earth Science - 20 hours**

| | | | | |
|---|---|---|---|---|
| 4 | GEOL | 201/L | Physical Geology/Lab | |
| 4 | GEOL | 203/L | Historical Geology/Lab | |
| 3 | GEOL | 321 | Conservation of Natural Resources | |
| 3 | PHYS | 185/L | Introduction to Astronomy/Lab | |
| 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 | |
| + | | (If Necessary) Additional hours in minor to meet 50% rule | | |

TOTALS:

55   TOTALS: