**Major: Biology**

**Degree:** Bachelor of Science Education

**Prepared by:**

**Date:**

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**Core - 18 semester hours**

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

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 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

**Cellular/Physiology Emphasis**

- BIOL 317/L Electron Microscopy/Lab
- BIOL 325/L Physiology/Lab
- BIOL 331/L Microbiology/Lab
- BIOL 343/L Cell & Molecular Biology/Lab
- BIOL 381/L Vertebrate Anatomy/Lab
- BIOL 422 Immunology
- BIOL 430/L Neurobiology/Lab
- BIOL 437 Biometry
- BIOL 460/L Evolutionary & Ecological Plant Phys/Lab
- BIOL 474/L Ecological Genomics/Lab

**Pre-Professional Teaching Core - 15 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. PSYC 101 General Psychology (gen ed)
3. SPED 100 Intro to Persons with Exceptionalities

**Professional Secondary Ed Teaching Core - 32 semester hours**

3. EDFN 365 Computer Based Technology & Learning
1. EDFN 375 Methods of Technology Integration
3. EDFN 475 Human Relations
3. INED 411 South Dakota Indian Studies
2. MLED 480 Middle Level Methods
3. SEED 408 Diverse 7-12 Classroom
3. SEED 413 7-12 Science Methods
1. SEED 440 Classroom Management
3. SEED 450 7-12 Reading and Content Literacy
1. SEED 495 Practicum: Pre-Student Teaching
9. SEED 488 7-12 Student Teaching