Major: Science Education - Teaching  
2015-2016 - Status Sheet  

Minor: Bachelor of Science Education 
120 hours are required to graduate  
36 hours of upper level are required 

Prepare by: 

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

Phone #:  

Date: 

CAAP Proficiency Exam: 

**Major Requirements**

**Has** | **Needs** | **Has** | **Needs** | **Has** | **Needs**
---|---|---|---|---|---

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

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

**Required Core - 7 semester hours**

- **MATH 123 Calculus I**
- **SEED 413 7-12 Science Methods**

**Take two areas of science study from the following:**

**Biology - 23 semester hours**

- **BIOL 151/L General Biology I/Lab**
- **BIOL 153/L General Biology II Lab**
- **BIOL 311/L Principles of Ecology/Lab**
- **BIOL 331/L Microbiology/Lab**
- **BIOL 371/L Genetics/Lab**
- **BIOL Elective**

**Chemistry - 20 semester hours**

- **CHEM 112/L General Chemistry I/Lab**
- **CHEM 114/L General Chemistry II/Lab**
- **CHEM 326/L Organic Chemistry I/Lab**
- **CHEM 328/L Organic Chemistry II/Lab**
- **CHEM 332/L Analytical Chemistry/Lab**

**Earth Science - 20 semester hours**

- **GEOL 201/L Physical Geology/Lab**
- **GEOL 203/L Historical Geology/Lab**
- **GEOL 321 Conservation of Natural Resources**
- **PHYS 185/L Introduction to Astronomy I/Lab**
- **PHYS 211/L University Physics I/Lab**
- **PHYS 213/L University Physics II/Lab**
- **PHYS 331 Introduction to Modern Physics**
- **PHYS 471 Quantum Mechanics**

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

- **EDFN 295 Practicum: Pre-Admission Teaching**
- **EDFN 338 Foundations of American Education**
- **EPSY 302 Educational Psychology**
- **EPSY 428 Child & Adolescent Development**
- **INED 411 South Dakota Indian Studies**
- **PSYC 101 General Psychology (gen ed)**
- **SPED 305 Students with Exceptionalities**
- **EDFN 365 Computer Based Technology & Learning**
- **MLED 480 Middle Level Methods**
- **SEED 408 Plan, Manage & Assess the 7-12 Diverse Classroom**
- **SEED 450 Reading/Content Literacy (Writing/Experiential)**
- **EDFN 475 Human Relations**
- **SEED 488 7-12 Student Teaching**

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

- **EDFN 365 Computer Based Technology & Learning**
- **MLED 480 Middle Level Methods**
- **SEED 408 Plan, Manage & Assess the 7-12 Diverse Classroom**
- **SEED 450 Reading/Content Literacy (Writing/Experiential)**
- **EDFN 475 Human Relations**
- **SEED 488 7-12 Student Teaching**

**Total Requirements:**

- **88-92**