## Major: Science Education - Teaching  
### 2012-2013 - Status Sheet  

**Minor:** Bachelor of Science Education  

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

### B.BSED.SC-C  

Prepared by:  
Phone #:  
Date:  

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**Gen Ed Requirements**

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<th>Arts &amp; Humanities</th>
<th>Global Requirement</th>
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<td>3-5 Natural Science &amp; Lab</td>
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<td>3 MATH 102, 103, 104, 115, 120, 121, 123, 281</td>
<td>2 WEL 100/L Wellness &amp; Lab</td>
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**Gen Ed Requirements**  
3-5 Natural Science & Lab  
2 WEL 100/L Wellness & Lab  

**Social Science - 3 courses required**  
1) ANTH 210, 220, 230  
2) ECON 101, 201, 202  
3) GEOG 101, 210, 212, 219  
4) HIST 151, 152, 256, 257, 313  
5) POLS 100, 102, 141, 165, 210, 250, 253, 349  
6) PSYC 101, 102  
7) SOC 100, 150, 240, 250, 285, 350

**Arts & Humanities - 4 courses required**  
1) ART 111, 112, 121, 123  
2) ARTH 100, 121, 211, 212, 251  
3) ENGL 151, 210, 211, 212, 221, 222, 220, 230, 240, 241  
4) ENGL 242, 248, 249, 250, 256, 258, 268, 320, 411  
5) HIST 111, 112, 121, 122  
6) MFL 101, 102  
7) MUS 100, 201, 200, 201, 203, 230, 231, 240  
8) PHIL 100, 200, 215, 220, 233, 270  
9) REL 213, 224, 225, 238, 250, 270  
10) THEA 100, 131, 200, 201, 231, 270  
11) FREN 101, 102  
12) GER 101, 102  
13) RUSS 101, 102  
14) SPAN 101, 102  
15) ARAB/GREE

**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.**

**Major Requirements**

- **Required Core - 7 semester hours**
  1. MATH 123 Calculus I
  2. SEED 413 7-12 Science Methods

- **Take two areas of science study from the following:**
  **Biology - 23 semester hours**
  1. BIOL 151 General Biology I & 151L Lab
  2. BIOL 153 General Biology II 153L Lab
  3. BIOL 311 Principles of Ecology & 311L Lab
  4. BIOL 331 Microbiology & 331L Lab
  5. BIOL 371 Genetics & 371L Lab

- **Chemistry - 20 semester hours**
  1. CHEM 112 General Chemistry I & 112L Lab
  2. CHEM 114 General Chemistry II & 114L Lab
  3. CHEM 326 Organic Chemistry I & 326L Lab
  4. CHEM 432 Organic Chemistry II & 328L Lab

- **Earth Science - 20 semester hours**
  1. GEOL 201 Physical Geology & 201L Lab
  2. GEOL 203 Historical Geology & 203L Lab
  3. GEOL 321 Conservation of Natural Resources
  4. take two courses from the following:
     - GEOL 340 Mineralogy/Petrology
     - GEOL 350 Environmental Geology
     - GEOL 360 Environmental Geochemistry
     - GEOL 370 Hydrogeology
     - SCI 388 Global Positioning & Geographical Info Systems

- **Physics - 19 semester hours**
  1. PHYS 185 Introduction to Astronomy I & 185L Lab
  2. PHYS 186 Introduction to Astronomy II & 185L Lab
  3. PHYS 211 University Physics I & 211L Lab
  4. PHYS 213 University Physics II & 213L Lab
  5. PHYS 331 Introduction to Modern Physics
  6. PHYS 471 Quantum Mechanics

**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
4. EPSY 428 Child & Adolescent Development
5. INED 411 South Dakota Indian Studies
6. PSYC 101 General Psychology (gen ed)
7. SPED 405 Educating Secondary Students with Disabilities

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

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

**TOTALS:**

- **Gen Ed Requirements**
  - Needs  
  - Has
- **Major Requirements**
  - Needs  
  - Has
- **Additional hours to total 36 upper level**
- **Additional hours to total 120**