Major: Composite Chemistry

Minor: Biology

Degree: Bachelor of Science Education

120 hours are required to graduate

36 hours of upper level are required

Prepared by:

120 hours are required to graduate

36 hours of upper level are required

Required Core - 46 semester hours

- **CHEM 112** General Chemistry I
- **CHEM 112L** General Chemistry I Lab
- **CHEM 114** General Chemistry II
- **CHEM 114L** General Chemistry II Lab
- **CHEM 326** Organic Chemistry I
- **CHEM 326L** Organic Chemistry I Lab
- **CHEM 328** Organic Chemistry II
- **CHEM 328L** Organic Chemistry II Lab
- **CHEM 332** Analytical Chemistry
- **CHEM 332L** Analytical Chemistry Lab
- **CHEM 342** Physical Chemistry I
- **CHEM 464** Biochemistry I
- **CHEM 464L** Biochemistry I Lab
- **CHEM 490** Senior Seminar
- **PHYS 211** University Physics I
- **PHYS 211L** University Physics I Lab
- **PHYS 213** University Physics II
- **PHYS 213** University Physics II Lab
- **SEED 413** 7-12 Science Methods

Pre-Professional Teaching Core - 18 semester hours

- **EDFN 338** Foundations of American Education
- **EDFN 395** Practicum: Pre-Admission Teaching
- **EPSY 302** Educational Psychology
- **EPSY 428** Child & Adolescent Development
- **INED 411** South Dakota Indian Studies
- **PSYC 101** General Psychology (gen ed)
- **PSYC 405** Educating Secondary Students with Disabilities

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** 7-12 Reading and Content Literacy
- **SEED 495** Practicum: Pre-Student Teaching
- **EDFN 475** Human Relations
- **SEED 488** 7-12 Student Teaching

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Social Science - 3 courses required

- **ANTH: 210, 220, 230**
- **ECON: 101, 201, 202**
- **GEOG: 101, 200, 210, 212, 219**
- **HIST: 151, 152, 256, 313**
- **POLS: 100, 102, 210, 221, 253, 349**
- **PSY: 101, 102**
- **SOC: 100, 150, 240, 250, 285, 350**

Arts & Humanities - 4 courses required

- **ART: 111, 112, 121, 123**
- **ARTH: 100, 101, 211, 212, 231, 251**
- **ENGL: 115, 210, 211, 212, 214, 221, 222, 230, 240, 241**
- **ENGL: 242, 248, 249, 250, 256, 258, 268, 320, 411**
- **HIST: 111, 112, 121, 122**
- **MFL: 101, 102, 134**
- **HUM: 100, 200, 254, 387, 388**
- **MCOM: 151**
- **MUS: 100, 131, 200, 201, 203, 230, 231, 240**
- **PHIL: 100, 200, 215, 220, 233, 270**
- **REL: 213, 224, 225, 238, 250, 270**
- **THEA: 100, 131, 200, 201, 231, 270**
- **FREN: 101, 102**
- **GER: 101, 102**
- **SPAN: 101, 102**
- **LAKL: 101, 102**
- **ARAB/GREE**

Global Requirement: depending on your selection, this requirement will satisfy 3 hours of either Social Science or Arts & Humanities requirements. Take 1 course from: AIS/HIST 257, ANTH 210, ARTH 211/212/251, ENGL 211/212, GEOG 210, HIST 121/122/153, HUM 100, MCOM 151, POLS 141/250

Biology Minor

- **Biol 151** General Biology I & 151L Lab
- **Biol 153** General Biology II & 153L Lab
- **Biol 311** Principles of Ecology & 311L Lab
- **Biol 311** Microbiology & 331L Lab
- **Biol 371** Genetics & 371L Lab
- **Biol 300/400 level Elective**
- **SEED 413** 7-12 Science Methods
  + (If Necessary) Additional hours in minor to meet 50% rule

Additional hours to total 36 upper level

Additional hours to total 120

TOTALS: 88

TOTALS: