



**Bachelor of Science in Education in Chemistry
Plan of Study**

| First Year Fall | |
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| Course | Credit |
| IDL 190, Freshman Seminar | 2 |
| SPCM 101, Fundamentals of Speech* | 3 |
| MATH 114/L, College Algebra* | 3-4 |
| CHEM 112/L, General Chemistry I | 4 |
| CHEM 130, Success in Science | 1 |
| EDFN 102, Introduction to Education | 3 |
| | 16-17 |

| First Year Spring | |
|---|--------|
| Course | Credit |
| ENGL 101, Composition I | 3 |
| Arts and Humanities Course (see catalog) | 3 |
| MATH 120, Trigonometry*** | 3 |
| CHEM 114/L, General Chemistry II | 4 |
| SPED 100, Introduction to Persons with Exceptionalities | 3 |
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| Second Year Fall | |
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| Course | Credit |
| Behavioral/Social Sciences Course (see catalog) | 3 |
| MATH 123, Calculus I | 4 |
| CHEM 326/L, Organic Chemistry I | 4 |
| EPSY 302, Educational Psychology, and SEED 296, Field Experience | 3/1 |
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| Second Year Spring | |
|---|--------|
| Course | Credit |
| ENGL 201, Composition II | 3 |
| Behavioral/Social Sciences Course (see catalog) | 3 |
| Arts and Humanities Course (see catalog) | 3 |
| CHEM 328/L, Organic Chemistry II** | 4 |
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| EPSY 428, Child and Adolescent Development | 3 |
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| Third Year Fall | |
|---|--------|
| Course | Credit |
| CHEM 342, Physical Chemistry I | 3 |
| CHEM 490, Seminar | 1 |
| EDFN 472, School Law and Ethics for Educators | 2 |
| EDFN 475, Human Relations | 3 |
| Recommended Supporting Course (see catalog) | 3-4 |
| Elective or minor course | 3 |
| | 15-16 |

| Third Year Spring | |
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| Course | Credit |
| CHEM 344, Physical Chemistry II | 3 |
| CHEM 452/L, Inorganic Chemistry | 4 |
| CHEM 498, Undergraduate Research/Scholarship | 1 |
| INED 411, South Dakota Indian Studies | 3 |
| SEED 396, Field Experience | 1 |
| Recommended Supporting Course (see catalog) | 3-4 |
| | 15-16 |

| Fourth Year Fall | |
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| Course | Credit |
| CHEM 332/L, Analytical Chemistry | 4 |
| ELRN 385, Educational Technology and Distance Teaching | 3 |
| SEED 400, 7-12 Curriculum and Instruction | 3 |
| SEED 450, Reading and Content Literacy | 3 |
| SEED 496, Field Experience | 1 |
| SPED 441, Inclusive Methods for Diverse Learners | 2 |
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| Fourth Year Spring | |
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| Course | Credit |
| EDER 415, Educational Assessment | 2 |
| EDFN 440, Classroom Management | 2 |
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| SEED 488, 7-12 Student Teaching | 8 |
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Suggested Minors: Biology, Math

Additional suggestions: Students are encouraged to take the highest math course that placement allows. Recommended electives include MATH 125, Calculus II, MATH 225, Calculus III, and a Physics sequence (see catalog)

*Fulfills a General Education Requirement. Other course options may be available. **Fulfills a major requirement. Other course options may be available. ***Fulfills a general elective. Other course options may be available. ^ Plan includes pending program changes. This plan of study is not an official document. Depending on placement scores, developmental courses may be required. Course rotations may change. Please visit with a professional advisor at least once a semester to review appropriate course choices and plan updates.