

|   |   |   |  | Has |     | Needs |     |  |  |  |  | Has |     | Needs |     |
|---|---|---|--|-----|-----|-------|-----|--|--|--|--|-----|-----|-------|-----|
|   |   |   |  | 100 | 300 | 100   | 300 |  |  |  |  | 100 | 300 | 100   | 300 |
|   |   |   |  | 200 | 400 | 200   | 400 |  |  |  |  | 200 | 400 | 200   | 400 |
| <b>Gen Ed Requirements</b>  |   |   |  |     |     |       |     |  |  |  |  |     |     |       |     |
| 3   | ENGL  | 101                                     | Comp I (min grade C)                   |     |     |       |     |  |  |  |  |     |     |       |     |
| 3   | ENGL  | 201                                     | Comp II (min grade C)                  |     |     |       |     |  |  |  |  |     |     |       |     |
| 3   | CMST  | 101                                     | 215 222 (min grade C)                  |     |     |       |     |  |  |  |  |     |     |       |     |
| 3   | MATH:   | 103, 104, 114, 115, 120, 121, 123, 281  |  |     |     |       |     |  |  |  |  |     |     |       |     |
| 3-5   | Natural Science & Lab (see major)   |   |  |     |     |       |     |  |  |  |  |     |     |       |     |
| 3-5   | Natural Science & Lab (see major)   |   |  |     |     |       |     |  |  |  |  |     |     |       |     |
| <b>SOCIAL SCIENCE:</b> take 2 courses from two different subject areas, 1 must be an * course - Civics Requirement. <b>ARTS &amp; HUMANITIES:</b> take 2 courses from two different subject areas, (ART/H) are same subject) or a Foreign Language sequence.  |   |   |  |     |     |       |     |  |  |  |  |     |     |       |     |
| <b>Social Science - 2 courses required</b>  |   |   |  |     |     |       |     |  |  |  |  |     |     |       |     |
| PSYC 101 required for major, and will also satisfy a SS class. Take 1 additional course from the following:   |   |   |  |     |     |       |     |  |  |  |  |     |     |       |     |
| CIV 100*, HIST 151*, 152*, POLS 100*, 210*  |   |   |  |     |     |       |     |  |  |  |  |     |     |       |     |
| <b>Arts &amp; Humanities - 2 courses required</b>   |   |   |  |     |     |       |     |  |  |  |  |     |     |       |     |
| ARCH 241, ART 111, 112, 121, 123, ARTH 100, 121, 211, 212, 231, 251, ENGL 115, 210, 211, 212, 214, 221, 222, 230, 240, 241, 242, 248, 249, 250, 256, 258, 268, FREN 101, 102, 201, 202, GER 101, 102, 201, 202, HIST 111, 112, 121, 122 HUM 100, 101, 200, LAKL 101, 102, 201, 202, MCOM 151, 160, MFL 101, 102, MUS 100, 117, 130, 131, 200, 201, 203, 240, PHIL 100, 200, 215, 220, 233, 240, 270, 287, REL 213, 224, 225, 238, 250, SPAN 101, 102, 201, 202, THEA 100, 131, 200, 201, 231, 270 |   |   |  |     |     |       |     |  |  |  |  |     |     |       |     |
| <b>Addl. hours in major/minor to meet 50% rule</b>  |   |   |  |     |     |       |     |  |  |  |  |     |     |       |     |
| <b>Addl. hours to meet 60 from 4-yr Inst.</b>   |   |   |  |     |     |       |     |  |  |  |  |     |     |       |     |
| <b>Addl. hours to total 36 upper level</b>  |   |   |  |     |     |       |     |  |  |  |  |     |     |       |     |
| <b>Addl. hours to total 120</b>   |   |   |  |     |     |       |     |  |  |  |  |     |     |       |     |
| <b>Minor in Chemistry - Teaching</b>  |   |   |  |     |     |       |     |  |  |  |  |     |     |       |     |
| 4   | CHEM  | 112/L                                   | Gen. Chem. I/Lab                       |     |     |       |     |  |  |  |  |     |     |       |     |
| 4   | CHEM  | 114/L                                   | Gen. Chem. II/Lab                      |     |     |       |     |  |  |  |  |     |     |       |     |
| 4   | CHEM  | 326/L                                   | Organic Chem I/Lab                     |     |     |       |     |  |  |  |  |     |     |       |     |
| 4   | CHEM  | 328/L                                   | Organic Chem II/Lab                    |     |     |       |     |  |  |  |  |     |     |       |     |
| 4   | CHEM  | 332/L                                   | Analytical Chem/Lab                    |     |     |       |     |  |  |  |  |     |     |       |     |
| <b>OR</b>   |   |   |  |     |     |       |     |  |  |  |  |     |     |       |     |
|   | CHEM  | 465/L                                   | Biochemistry II/Lab                    |     |     |       |     |  |  |  |  |     |     |       |     |
| 3   | SEED  | 413                                     | 7-12 Science Methods                   |     |     | *     |     |  |  |  |  |     |     |       |     |
| + (If Necessary) Additional hours in major to meet 50% rule   |   |   |  |     |     |       |     |  |  |  |  |     |     |       |     |
| <b>TOTALS:</b>  |   |   |  |     |     |       |     |  |  |  |  |     |     |       |     |
|   |   |   |  | 90  |     |       |     |  |  |  |  |     |     |       |     |
| <b>Major Requirements</b>   |   |   |  |     |     |       |     |  |  |  |  |     |     |       |     |
| <b>Must earn grade of 'C' or better in all required coursework.</b>   |   |   |  |     |     |       |     |  |  |  |  |     |     |       |     |
| <b>Core - 18 semester hours</b>   |   |   |  |     |     |       |     |  |  |  |  |     |     |       |     |
| 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. |   |  |     |     |       |     |  |  |  |  |     |     |       |     |
| <b>Environmental Biology Emphasis</b>   |   |   |  |     |     |       |     |  |  |  |  |     |     |       |     |
|   | BIOL  | 301/L                                   | Plant Systematics/Lab                  |     |     |       |     |  |  |  |  |     |     |       |     |
|   | BIOL  | 302                                     | Animal Behavior                        |     |     |       |     |  |  |  |  |     |     |       |     |
|   | <b>BIOL 311/L</b>   | <b>Principles of Ecology/Lab</b>        |  |     |     |       |     |  |  |  |  |     |     |       |     |
|   | 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                        |     |     |       |     |  |  |  |  |     |     |       |     |
| <b>Cellular/Physiology Emphasis</b>   |   |   |  |     |     |       |     |  |  |  |  |     |     |       |     |
|   | BIOL  | 317/L                                   | Electron Microscopy/Lab                |     |     |       |     |  |  |  |  |     |     |       |     |
|   | BIOL  | 325/L                                   | Physiology/Lab                         |     |     |       |     |  |  |  |  |     |     |       |     |
|   | BIOL  | 331/L                                   | Microbiology/Lab                       |     |     |       |     |  |  |  |  |     |     |       |     |
|   | <b>BIOL 343/L</b>   | <b>Cell &amp; Molecular Biology/Lab</b> |  |     |     |       |     |  |  |  |  |     |     |       |     |
|   | BIOL  | 381/L                                   | Vertebrate Anatomy/Lab                 |     |     |       |     |  |  |  |  |     |     |       |     |
|   | BIOL  | 422                                     | Immunology                             |     |     |       |     |  |  |  |  |     |     |       |     |
|   | BIOL  | 430/L                                   | Neurobiology/Lab                       |     |     |       |     |  |  |  |  |     |     |       |     |
|   | BIOL  | 437                                     | Biometry                               |     |     |       |     |  |  |  |  |     |     |       |     |
|   | BIOL  | 460/L                                   | Plant Ecophysiology & Soils/Lab        |     |     |       |     |  |  |  |  |     |     |       |     |
|   | BIOL  | 474/L                                   | Introductory Genomics/Lab              |     |     |       |     |  |  |  |  |     |     |       |     |
| <b>Pre-Professional Teaching Core - 15 semester hours</b>   |   |   |  |     |     |       |     |  |  |  |  |     |     |       |     |
| 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   | <b>PSYC 101</b>   | General Psychology (gen ed)             |  |     |     |       |     |  |  |  |  |     |     |       |     |
| 3   | SPED  | 100                                     | Intro to Persons with Exceptionalities |     |     |       |     |  |  |  |  |     |     |       |     |
| <b>Professional Secondary Ed Teaching Core - 32 semester hours</b>  |   |   |  |     |     |       |     |  |  |  |  |     |     |       |     |
| 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 5-12 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                  |     |     |       |     |  |  |  |  |     |     |       |     |
| <b>TOTALS:</b>  |   |   |  |     |     |       |     |  |  |  |  |     |     |       |     |