# Bemidji State University

**Professional Education Plan of Study**

Licenses: *Life Science (9-12) and Middle Level Science (5-8)*

**Name:** **ID Number:**

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| ***I. Complete all of the following Professional Education Standards of Effective Practice (SEP) Courses.*** | | | | |
| *BSU Course ID and Name* | ***ALL STUDENTS*** | | *Complete this section* ***ONLY*** *if using a course from another school\** | |
| ***Semester &Year*** | ***Grade*** | *Course ID and Name* | *Where was this course taken?* |
|  | | | | |
| ED 3100 Intro. to the Foundations of Education (3 cr.)  *\*25 hours of field experience\** |  |  |  |  |
| ED 3110 Educational Psychology (3 credits) |  |  |  |  |
| ED 3140 Human Diversity & Educational Equity (3 cr.) |  |  |  |  |
| ED 3350 Principles & Strategies of Teaching (3 credits)  *\*25 hours of field experience\** |  |  |  |  |
| ED 3780 Inclusive Teaching & Classrooms (3 credits) |  |  |  |  |
| HLTH 3400 Health & Drugs in Society (2 credits) |  |  |  |  |
| ED 4799 The Professional Teacher (1 credit) |  |  |  |  |
| ED 4737 Content Area Reading (3 credits)  *\*25 hours of field experience\** |  |  |  |  |
| ED 3410 Secondary Science Methods (4 credits) *\*25 hours of field experience\** |  |  |  |  |
| ED 4830 Student Teaching, Secondary (7 credits) |  |  |  |  |
| ED 4840 Student Teaching, Special Fields (5 credits) |  |  |  |  |

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| ***II. Complete the following Middle Level Science Content Courses.*** | | | | |
| *BSU Course ID and Name* | ***ALL STUDENTS*** | | *Complete this section* ***ONLY*** *if using a course from another school\** | |
| ***Semester &Year*** | ***Grade*** | *Course ID and Name* | *Where was this course taken?* |
|  | | | | |
| BIOL 1110 Human Biology (4 credits) **OR**  BIOL 1400 Cellular Principles (4 credits) |  |  |  |  |
| BIOL 1120 Gen Bio/Evol & Ecology (3 credits)**OR**  BIOL 1500 Diversity of Life (4 credits) |  |  |  |  |
| CHEM 2211 Principles of Chem I (4 credits) **OR**  CHEM 1111 Gen Chem I (4 credits) |  |  |  |  |
| CHEM 2212 Principles of Chem II (4 credits) **OR**  CHEM 1112 Gen Chem II (4 credits) |  |  |  |  |
| GEOL 1110 Physical Geology (4 credits) |  |  |  |  |
| SCI 3100 Integrative Science for Teachers (4 credits) |  |  |  |  |

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| ***III. Complete the following Life Science Content Courses.*** | | | | |
| *BSU Course ID and Name* | ***ALL STUDENTS*** | | *Complete this section* ***ONLY*** *if using a course from another school\** | |
| ***Semester &Year*** | ***Grade*** | *Course ID and Name* | *Where was this course taken?* |
|  | | | | |
| BIOL 2360 Genetics (4 credits) |  |  |  |  |
| BIOL 2610 General Ecology (3 credits) |  |  |  |  |
| BIOL 3710 Microbiology (4 credits) |  |  |  |  |
| BIOL 4620 Organic Evolution (3 credits) |  |  |  |  |
| BIOL 3720 Plant Form & Function (4 credits) **OR**  BIOL 3830 Aquatic Plants and Algae (4 credits) |  |  |  |  |
| BIOL 4894 Advanced Research Project I (2 credits) **OR**  BIOL 4895 Advanced Research Project II (2 credits) |  |  |  |  |

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| ***IV. Select ONE of the following Elective Courses.*** | | | | |
| *BSU Course ID and Name* | ***ALL STUDENTS*** | | *Complete this section* ***ONLY*** *if using a course from another school\** | |
| ***Semester &Year*** | ***Grade*** | *Course ID and Name* | *Where was this course taken?* |
|  | | | | |
| BIOL 3150 Animal Behavior (3 credits) |  |  |  |  |
| BIOL 3310 Entomology (4 credits) |  |  |  |  |
| BIOL 4510 Ornithology (4 credits) |  |  |  |  |
| BIOL 4520 Mammalogy (4 credits) |  |  |  |  |
| BIOL 4534 Ichthyology (4 credits) |  |  |  |  |

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| ***If there are any gaps in your plan of study (other than student teaching), please indicate when and how you will fill the missing coursework/testing requirement(s).*** |
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***\*Please note: If you are using a course from another school, BSU will need official transcripts on file for all relevant institutions.***

***Final Plan of Study Approved by Program Leader: Date:***