

Name: _____

NORTH DAKOTA STATE UNIVERSITY
College of Human Development & Education
Biological Sciences Education Major

Fall 2012

ID: _____

| General Education Requirements - 40 Credits Required | | | | | Teaching Specialty Requirements - 78 Credits Required | | | | | | |
|---|------------------|--|----------------|-------|--|---|-----------------------------------|-------------------------|----------------------------|----|--|
| | | | | | A GPA of 2.75 or better in the teaching specialty is required for placement in student teaching and exit from the program. | | | | | | |
| Course | Number | Course Title | Credits | Grade | Course | Number | Course Title | Credits | Grade | HP | |
| First Year Experience (F) | | | 1 Sem Credit | | BIOL | 124 | Environmental Science | 3 | | | |
| HD&E | 189 ¹ | Skills for Academic Success | 1 | | BIOL | 124L | Environmental Science Lab | 1 | | | |
| Communication (C) | | | 12 Sem Credits | | BIOL | 150 | General Biology I | 3 | | | |
| *ENGL | 110 | College Composition I | 3 | | BIOL | 150L | General Biology I Lab | 1 | | | |
| *ENGL | 120 | College Composition II | 3 | | BIOL | 151 | General Biology II | 3 | | | |
| COMM | 110 | Fund of Public Speaking | 3 | | BIOL | 151L | General Biology II Lab | 1 | | | |
| ENGL | 324 | Writing in the Sciences | 3 | | BIOL | 220 | Human Anatomy & Physiology I | 3 | | | |
| Quantitative Reasoning (R) | | | 3 Sem Credits | | BIOL | 220L | Human Anatomy & Physiology I Lab | 1 | | | |
| MATH | 146 | Applied Calculus I | 4 | | BIOL | 221 | Human Anatomy & Physiology II | 3 | | | |
| Science & Technology (S) | | | 10 Sem Credits | | BIOL | 221L | Human Anatomy & Physiology II Lab | 1 | | | |
| The 10 credits required in the Science and Technology category will be satisfied by completing the requirements for the teaching specialty. | | | | | BIOL | 364 | General Ecology | 3 | | | |
| Humanities & Fine Arts (A) | | | | | 6 Sem Credits | | BIOL | 459 | Evolution | 3 | |
| | | | 3 | | BIOL | 491 | Seminar (Capstone) | 2 | | | |
| | | | 3 | | BOT/ZOO | 315 | Genetics | 3 | | | |
| Social & Behavioral Sciences (B) | | | | | 6 Sem Credits | | BOT/ZOO | 315L | Genetics Lab | 1 | |
| | | | 3 | | BOT | | 300-400 Level Elective | 3 | | | |
| | | | 3 | | CHEM | 121 | General Chemistry I | 3 | | | |
| Wellness (W) | | | | | 2 Sem Credits | | CHEM | 121L | General Chemistry I Lab | 1 | |
| | | | 2 | | CHEM | 122 | General Chemistry II | 3 | | | |
| Cultural Diversity (D) | | | | | | | CHEM | 122L | General Chemistry II Lab | 1 | |
| | | | 3 | | CHEM | 240 | Survey or Organic Chemistry | 3 | | | |
| Global Perspectives (G) | | | | | | | CHEM | 260 | Elements of Biochemistry | 4 | |
| GEOL | 105 | Physical Geology | | | GEOL | 105 | Physical Geology | 3 | | | |
| Professional Education Requirements - 31 Credits Required | | | | | | | GEOL | 105L | Physical Geology Lab | 1 | |
| A grade of C or better is required in all Professional Education Requirement courses. | | | | | | | GEOL | 106 | The Earth Through Time | 3 | |
| A GPA of 2.75 or better in professional education as well as passing the appropriate Praxis II exam are required to exit the program. | | | | | | | GEOL | 106L | The Earth Through Time Lab | 1 | |
| Course | Number | Course Title | Credits | Grade | HP | PHYS | 211 | College Physics I | 3 | | |
| EDUC | 321 | Introduction to Teaching | 3 | | | PHYS | 211L | College Physics Lab I | 1 | | |
| EDUC | 322 | Educational Psychology | 3 | | | PHYS | 212 | College Physics II | 3 | | |
| EDUC | 451 | Instruc Plan, Methods & Assess | 3 | | | PHYS | 212L | College Physics II Lab | 1 | | |
| EDUC | 481 | Classroom Prac/Meth of Teach I-Science | 3 | | | STAT | 330 | Introductory Statistics | 3 | | |
| EDUC | 485 | Student Teaching Seminar | 1 | | | ZOO | 370 | Cell Biology | 3 | | |
| EDUC | 486 | Classroom Mgt for Diverse Learners | 3 | | | ZOO | 300-400 | Level Elective | 3 | | |
| EDUC | 487 | Student Teaching | 9 | | | CSCI | | | 3 | | |
| EDUC | 488 | Applied Student Teaching | 3 | | | All courses listed on this curriculum guide are required for the major. *See School of Education admission requirements. | | | | | |
| EDUC | 489 | Native Am. & Multicult Instr Prac | 3 | | | | | | | | |
| ¹ Students transferring in 24 or more credits do not need to take HD&E 189. | | | | | Total Credits Required for Graduation: | | | | | | |
| | | | | | 140 | | | | | | |