

Nebraska Wesleyan University
Catalog 2017-2018

Major:

Science Education (B.A., B.S.)

Departments/Programs:
Education (Undergraduate)

Science Education Major (77 hours)

| Required Biology Courses | 16 hours |
|--|----------|
| BIO 1400FYW Introduction to Biological Inquiry | 4 hours |
| BIO 2200 Genetics and Cell Biology | 4 hours |
| BIO 2300 Ecology and Evolution | 4 hours |
| BIO 3800 Molecular Genetics and BIO-3850 | 4 hours |
| Required Chemistry Courses | 19 hours |
| CHEM 1110 Chemical Principles I and CHEM 1110L Chemical Principles I Laboratory | 4 hours |
| CHEM 1120 Chemical Principles II and CHEM 1120L Chemical Principles II Laboratory | 4 hours |
| CHEM 2100 Organic Chemistry I and CHEM 2100L Organic Chemistry I Laboratory | 4 hours |
| CHEM 2110 Organic Chemistry II: Synthesis and Mechanisms and CHEM 2110L Organic Chemistry II Laboratory | 4 hours |
| CHEM 3410 Biochemistry | 3 hours |
| Required Physics Courses | 12 hours |
| PHYS 1600 Principles of Physics I or PHYS 2000 General Physics I | 4 hours |
| PHYS 1700 Principles of Physics II or PHYS 2100 General Physics II | 4 hours |
| PHYS 1200 Energy and the Global Environment and PHYS-1200L | 4 hours |
| Required Earth Science Courses | 12 hours |
| PHYS 1100 Introduction to Geology | 4 hours |
| PHYS 1300 Astronomy | 4 hours |
| PHYS 1400 Introduction to Meteorology | 4 hours |
| Required Methods Course | 3 hours |
| EDUC 3280 Methods for Teaching Science in 7-12 | 3 hours |
| Capstone | 15 hours |
| EDUC 4870 Supervised Teaching in the Secondary School | 14 hours |
| EDUC 4990 Student Teaching Seminar | 1 hour |