Nebraska Wesleyan University

Biology (B.S.)

Catalog

2014-2015

Program Description

An approved supporting area of 28 hours in the Natural Sciences Division is also required. This will include CHEM 1110 Chemical Principles I /CHEM 1110L Chemical Principles I Laboratory, CHEM 2100 Organic Chemistry I /CHEM 2100L Organic Chemistry I Laboratory, CHEM 2110 Organic Chemistry II: Synthesis and Mechanisms/CHEM 2110L Organic Chemistry II Laboratory, CHEM 1120 Chemical Principles II/CHEM 1120L Chemical Principles II Laboratory, PHYS 1600 Principles of Physics I or PHYS 2000 General Physics I, PHYS 1700 Principles of Physics II or PHYS 2100 General Physics II; and MATH 1600 Calculus I, MATH 1550 Calculus for Biologists or MATH 1500 Calculus for Management, Biological, and Social Sciences. Competency in a modern language other than English is strongly encouraged.

Departments

1. Biology

Biology Major (B.S., 34 hours)

Courses	
BIO 1400 Introduction to Biological Inquiry	4 hours
BIO 2200 Genetics and Cell Biology	4 hours
BIO 2300 Ecology and Evolution	4 hours
Electives	**20 hours**
Biology Electives Please see the Biology Department for the approved listing of Biology electives.	20 hours
Senior Comprehensive	
BIO 4980 Senior Thesis or BIO 4990 Senior Research	2 hours

BIO 1010 Perspectives in Biological Science, BIO 1080 Microbiology, BIO 1090 Human Anatomy and Physiology, and BIO 1100 Human Anatomy and Physiology may not be taken by biology majors to fulfill biology degree requirements.