## **Nebraska Wesleyan University**

Catalog 2018-2019

#### Course:

# **BIO 3850 Molecular Genetics Lab**

1 hour

## Majors, Minors & Degrees:

#### **Majors**

Biochemistry and Molecular Biology (B.S.) Biology (B.A.) Biology (B.S.) Science Education (B.A., B.S.)

# Departments/Programs:

### Biology

A laboratory course that focuses on modern methods and instrumentation used in molecular genetics- based research. Students will gain experience through extensive research projects involving recombinant DNA technology, gene expression, DNA sequencing and bioinformatics/genomics.

Prerequisite(s): BIO 1400FYW Introduction to Biological Inquiry, BIO 2200 Genetics and Cell Biology, CHEM 1110 Chemical Principles I.

Corequisite(s): BIO 3800 Molecular Genetics. (Normally offered alternate spring semesters.)