

## Nebraska Wesleyan University

Catalog 2019-2020

# 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.)