

**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.)