

## BIO 283 Molecular Biology

4 hours

### Majors, Minors & Degrees:

#### **Majors**

Biochemistry and Molecular Biology (B.S.)

Biology (B.A.)

Biology (B.S.)

### Departments/Programs:

Biology

A study of the systems, mechanisms, and methods of molecular biology with a particular emphasis on the analysis of the genetic material--mutagenesis, replication, regulation, transcription, and translation--and its protein products and their biological function. Recombinant DNA and genetic engineering will be a major focus in the laboratory.

Three lectures per week.

One 3-hour lab per week.

*Prerequisite(s): BIO-160, BIO-170, and CHEM-122.*