Nebraska Wesleyan University

BIO 283 Molecular Biology

Catalog

2011-2012

Course Description

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 Cell Biology, BIO 170 Genetics, and CHEM 122 Analytical and Inorganic Chemistry.

Course Hours

4 hours

Departments

1. Biology