Nebraska Wesleyan University

BIO 4830 Molecular Biology

Catalog

2014-2015

Course Description

A study of the systems, mechanisms, and methods of molecular biology with a particular emphasis on the analysis of the genetic material--mutagenisis, 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 1400 Introduction to Biological Inquiry, BIO 2200 Genetics and Cell Biology, BIO 2300 Ecology and Evolution and CHEM 2110 Organic Chemistry II: Synthesis and Mechanisms.

Course Hours

4 hours

Departments

1. Biology