

BIOL 450: Molecular Genetics Lec/Lab

Learn transcriptional and translational regulation of gene expression, concepts of knockout and transgenic technology, RFLP and restriction mapping, and fundamental concepts of molecular aspects of genome size, concepts in bioinformatics and hands-on experience in basic recombinant DNA techniques.

Credits: 4

Prerequisites/Permissions:

Prereq BIOL 200

Program:

Biology

COURSE DESCRIPTIONS

Essential Learning Outcomes: ELO #3: Knowledge of the Physical and Natural World
ELO #4: Intellectual and Practical Skills