

# BIO 4505: Molecular Biology

DNA structure, replication, recombination, mutagenesis and repair, transcription, RNA processing, translation and the genetic code, control of gene expression, eukaryotic genome structure. Molecular aspects of immunity, cancer, and AIDS. Laboratory exercises in gene cloning and analysis.

**Credits:** 4.0

**Prerequisites:**

BIO 3351 :D- and CHM 2212 :Y

**Co-Requisites:**

**Program:** [Biology](#)