

# BIOS410 : Molecular Biology

The aim of this course is to introduce the students to modern concepts of molecular biology. Topics will include the structure and function of nucleic acids, molecular mechanisms of signal transduction, gene expression and regulation, and applications of molecular biology in biotechnology and biomedical research. Students will also gain experience with current molecular biology laboratory techniques.

**Credits** 4

**Prerequisite Courses**

BIOS320

**Concurrent**

BIOS410L Molecular Biology Lab.