

BIO206 : Techniques in Biotechnology

This lab-intensive course offers an introduction to the principles and methods of analytical techniques found in a typical biotechnology research environment. Topics include isolation and purification of biomolecules such as proteins, enzymes, and nucleic acids. Laboratory experiments involve molecular cloning, microbial propagation, chromatography, electrophoresis, blotting techniques, volumetrics, and spectrophotometric analysis with a focus on proper scientific record keeping. (1 class hour/6 lab hours)

Credits 4 **Lab Hours** 6 **Lecture Hours** 1

Prerequisites

A grade of C or better in [BIO151](#): General Biology I and [CHM151](#): General Chemistry I

Semester Offered

Summer