Protein Characterization Certificate

Protein Characterization Certificate Program Learning Outcomes

At the successfully completion of this program, students will be able to:

- 1. Summarize the principal processes involved in protein synthesis and the relationship between protein structure and function.
- 2. Evaluate and develop methods of recombinant protein production, including molecular cloning, gene expression, and protein purification.
- 3. Describe and Implement various tools used for protein characterization, such as gel electrophoresis, chromatography, mutagenesis, and enzymatic analyses.