

## **BG 470 - Lab methods in MolecularBiology**

4 Credit Hours

This course involves laboratory based instruction in the basic methodologies of Molecular Biology, including but not limited to DNA extraction and quantification, agarose gel electrophoresis, PCR, protein extraction, SDS-Page and DNA and protein blotting techniques. Students will have the opportunity to develop technical skills and practical knowledge sufficient to perform basic molecular biology lab procedures, and to analyze experimental results obtained with these techniques.