

## **BG 420 - Biochemistry**

3 Credit Hours

This course provides an overview of the main aspects of biochemistry as it relates to molecular interactions and their effects on the organism, especially as related to human biology. Topics addressing protein function include enzyme kinetics, the characterization of major metabolic pathways and their interconnection into tightly regulated networks will be covered. The main objective of the course is to make the study of biochemistry an engaging and positive experience and help students develop critical thinking skills to understand scientific concepts. Upon completion, students should be able to demonstrate an understanding of fundamental biochemical concepts and how they relate to real-life issues.

### **Prerequisites**

[GE 102](#) [GC 112](#) [CH 215](#) [CH 115](#) [BG 210](#)