

BIOC 304: Biochemistry II, part 2

Biochemistry II is a continuation of Biochemistry I. The two courses provide a comprehensive overview of biochemistry at the graduate level. The spring course will cover metabolism and biosynthesis of biological macromolecules, such as glycogen, fatty acid, amino acid and nucleotide.

This is the second part of a two-part course. The completion of the first part (BIOC 303) is required before taking the second part. Registration is required separately for each part of the course.

Learning Objectives

- Understand protein structure and thermodynamics
- Describe protein-protein interaction and structure-function relationships in biochemical systems
- Name structure and function of carbohydrates and lipids, aspects of central metabolism
- Identify nucleic acid biochemistry

Credits: 2

Class Type: Graduate Course

Prerequisites:

BIOC 301

BIOC 302

BIOC 303

The above course(s) or permission from the instructor.

Program: Biochemistry, Chemistry, Pharmacology, and Toxicology