

# CHEM 433: Biochemistry II

This course focuses on the metabolic pathways of biomolecules, accompanied by bioenergetic requirements, regulatory mechanisms and flow of genetic information. Includes photosynthesis, metabolism of amino acids, fatty acids, lipids, nucleic acids and proteins, and application of recombinant DNA. Intended for students taking chemistry as their major or minor. Also suitable for biology majors with a strong chemistry background and pre-professionals.

**Credits:** 3

**Lecture Hours:** 3

**Prerequisites:**

CHEM 431 with a grade of C- or higher.

**Co-Requisites:**

Corequisite: CHEM 434 (required for chemistry and biochemistry majors).

**Program:** Biochemistry, Chemistry and Physics

**Semester Offered:** Spring