

# CHEM 431: Biochemistry I

A course in the molecular logic of life; in particular the molecular structure, nomenclature, properties, and functions of carbohydrates, lipids, proteins, and nucleic acids. Properties and mechanisms of enzymes, vitamins, and co-enzymes, biological membrane structure and function, and introduction to bioenergetics.

**Credits:** 3

**Lecture Hours:** 3

**Prerequisites:**

CHEM 232 with a grade of C- or higher.

**Co-Requisites:**

Corequisite: CHEM 432 (required for chemistry and biochemistry majors).

**Program:** **Chemistry and Physics**

**Semester Offered:** Fall