

# CHEM1421: Organic and Biochemistry with Wet Lab

**Credit Hours:** 4

**Clock Hours:** 45/30/0

In this course, the student will learn basic concepts related to organic and biochemistry. Topics will include spectroscopy, nomenclature, properties and synthesis of aliphatic and aromatic hydrocarbons, alkyl halides, alcohols, carbonyl compounds, carboxylic acids, lipids, amino acids, nucleotide metabolic pathways, and the structure and function of nucleic acids. This course also includes a wet lab component.

**Prerequisites:**

CHEM1411