

# PBIO 112/BIO 113 : Principles of Biochemistry

This course will help student to understand and appreciate organic chemistry as a necessary tool and an integral part of understanding biochemistry and the important biological molecules, their physical, chemical and biological properties and functions. This course will start with reviewing general chemistry concepts, to progress with organic functional groups and important organic reactions, structure and reactivity of aromatic compounds, polymers, and biopolymers. Important structures, and functions of biological macromolecules, such as proteins, nucleic acids, carbohydrates and lipids, which provide the structure of cells will also be discussed.

**Credits** 3

**Prerequisites**

None