

PBIO 112 : Preparatory Biochemistry

This introductory course is designed to provide a solid foundation in basic biochemistry for pre-medical students and students entering the allied health sciences. The course begins with a brief survey of the principles of organic chemistry including functional groups, acidity, basicity, stereochemistry, and chirality of organic molecules. This is followed by a comprehensive survey of biochemistry with emphasis on the structure and function of biomolecules including carbohydrates, lipids, proteins, enzymes, neurotransmitters, hormones, and nucleotides. The course also provides an introduction to metabolic pathways and bioenergetics.

Credits 3

Prerequisite Courses

PCHE 101