



## BIOB111

## Chemistry and Biochemistry

### General information

Awards	Subject type	Study year	Study Semester
Bachelor of Health Science (Naturopathy)	Core	Year 1	Semester 1
Bachelor of Health Science (Clinical Nutrition)	Core	Year 1	Semester 1

EFTSL: 0.125

Delivery mode: Online

Co-requisites: Nil

Pre-requisites: Nil

### Subject overview

The first part of this subject introduces the student to basic and organic chemistry and explores the nature and reactivity of matter. This provides the foundation for the second part - biochemistry - which examines the relationship between the structure and function of complex biomolecules. Students will study the role of enzymes, coenzymes and cofactors in energy metabolism, and metabolic pathways involving glucose, fatty acid, and amino acid – providing knowledge of the metabolic processes that occur in the human body. This is a foundational subject for later study of nutrition, pharmacology, immunology, herbal medicine, and clinical sciences.