Overview

BIOC2101 introduces modern biochemistry, covers fundamental aspects of the structure-function relationships of proteins and an overall coverage of intermediary metabolism. Major topics covered include: the nature and function of proteins and enzymes; the metabolic working of cells, tissues and organs; the interrelationships between the pathways of carbohydrate, lipid and amino acid metabolism; the vital role of hormones in metabolic regulation; the energy-trapping mechanisms of animals and plants; interesting variations on the central metabolic pathways in various life forms. Practical work to complement the lectures and to introduce the principles of biochemical analysis.

Note: Enrolment in this course may be subject to quota restrictions. Such restrictions will only apply to students taking this course as an elective part of their program.
Faculty
Faculty of Science

School
School of Biotechnology and Biomolecular Sciences

Study Level
Undergraduate

Offering Terms
Term 2

Campus
Kensington

Delivery Mode
Fully on-site

Indicative contact hours
7

Timetable
Visit timetable website for details
**Conditions for Enrolment**

Prerequisite: BABS1201 or DPST1051 and CHEM1011 or DPST1031 or CHEM1031 or CHEM1051 or CHEM1811 and CHEM1021 or DPST1032 or CHEM1041 or CHEM1061 or CHEM1821
Exclusion Courses

LIFE2101 | 6 UOC
Introductory Biochemistry and Microbiology

GENS6012 | 3 UOC
Diet-Food, Fact, Fiction and Fallacy

BIOC1221 | 3 UOC
Biochemistry for Prosthetics and Orthotics

BIOC2181 | 6 UOC
Fundamentals of Biochemistry

GENB1002 | 3 UOC
Diet-Food, Fact, Fiction and Fallacy
Course Outline

To access course outline, please visit:

BIOC2101 Course Outline
Fees

Commonwealth Supported Students $1191
Domestic Students $5970
International Students $5970

DISCLAIMER
Please note that the University reserves the right to vary student fees in line with relevant legislation. This fee information is provided as a guide and more specific information about fees, including fee policy, can be found on the fee website.

For advice about fees for courses with a fee displayed as "Not Applicable", including some Work Experience and UNSW Canberra at ADFA courses, please contact the relevant Faculty.

Where a Commonwealth Supported Students fee is displayed, it does not guarantee such places are available.
Pre-2019 Handbook Editions

Access past handbook editions (2018 and prior)

Pre-2019 Handbook Editions
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Authorised by Deputy Vice-Chancellor (Academic)
CRICOS Provider Code 00098G
ABN: 57 195 873 179