

COURSE DETAIL

FUNDAMENTALS OF BIOCHEMISTRY

Country

Hong Kong

Host Institution

Chinese University of Hong Kong

Program(s)

Chinese University of Hong Kong

UCEAP Course Level

Lower Division

UCEAP Subject Area(s)

Biochemistry

UCEAP Course Number

17

UCEAP Course Suffix**UCEAP Official Title**

FUNDAMENTALS OF BIOCHEMISTRY

UCEAP Transcript Title

FUNDAMENTAL BIOCHEM

UCEAP Quarter Units

4.50

UCEAP Semester Units

3.00

Course Description

The course introduces the fundamental principles of biochemistry that are essential for all life science disciplines. It covers the importance of water, structure-function relationships of biomolecules (including amino acids, proteins, carbohydrates, lipids and nucleic acids), the biochemical logic of the metabolic pathways, and an overview of metabolism with emphasis on how biomolecules interconvert into each other.

Language(s) of Instruction

English

Host Institution Course Number

BCHE2030

Host Institution Course Title

FUNDAMENTALS OF BIOCHEMISTRY

Host Institution Course Details

https://rgsntl.rgs.cuhk.edu.hk/aqs_prd_applx/Public/tt_dsp_crse_catalog.aspx

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Biochemistry

Course Last Reviewed

2025-2026

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