

COURSE DETAIL

FUNDAMENTAL BIOCHEMISTRY

Country

Singapore

Host Institution

National University of Singapore

Program(s)

National University of Singapore

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Chemistry Biochemistry

UCEAP Course Number

103

UCEAP Course Suffix**UCEAP Official Title**

FUNDAMENTAL BIOCHEMISTRY

UCEAP Transcript Title

FUNDAMENTAL BIOCHEM

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course provides a firm and rigorous foundation in current concepts of the structure and functions of biomolecules in molecular cellular biology. These fundamental concepts form the basis of almost all recent advances in biological and biomedical sciences. The course introduces and discusses biomolecular structures and functions (including protein, carbohydrates, lipid, and nucleotides) and how these biomolecules play roles in biological processes including cellular biocatalyst and metabolism. Practical sessions provide experience in data interpretation and learning of basic laboratory techniques.

Language(s) of Instruction

English

Host Institution Course Number

LSM2106

Host Institution Course Title

FUNDAMENTAL BIOCHEMISTRY

Host Institution Course Details

<https://nusmods.com/courses/LSM2106/fundamental-biochemistry>

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Biochemistry

Course Last Reviewed

2023-2024

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