

## 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 Campus

### Host Institution Faculty

### Host Institution Degree

### Host Institution Department

Biochemistry

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