

COURSE DETAIL

BIOCHEMISTRY I

Country

Korea, South

Host Institution

Yonsei University

Program(s)

Seoul Summer, Yonsei University Summer

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Biological Sciences Biochemistry

UCEAP Course Number

101

UCEAP Course Suffix

AS

UCEAP Official Title

BIOCHEMISTRY I

UCEAP Transcript Title

BIOCHEMISTRY I

UCEAP Quarter Units

4.50

UCEAP Semester Units

3.00

Course Description

This course provides a foundation of the principles and mechanisms of biochemical reactions in living organisms, with specific focus on the major classes of biomolecules. Topics include water; amino acids, peptides, and proteins; the three-dimensional structure of proteins; protein function; enzymes; carbohydrates; nucleotides and nucleic acids; lipids; DNA-based information technologies; biological membranes and transport; biosignaling. Text: D. L. Nelson and M. M. Cox. Lehninger, PRINCIPLES OF BIOCHEMISTRY. Assessment: quiz (20%), midterm (50%), final exam (30%).

Language(s) of Instruction

English

Host Institution Course Number

LSB3101

Host Institution Course Title

BIOCHEMISTRY (1)

Host Institution Course Details

Host Institution Campus

Yonsei International Summer School

Host Institution Faculty

Host Institution Degree

Host Institution Department

Science & Technology

Course Last Reviewed

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