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

Print