COURSE DETAIL

BIOCHEMISTRY II

Country
Korea, South

Host Institution
Yonsei University

Program(s)
Yonsei University

UCEAP Course Level
Upper Division

UCEAP Subject Area(s)
Biological Sciences Biochemistry

UCEAP Course Number
101

UCEAP Course Suffix
B

UCEAP Official Title
BIOCHEMISTRY II

UCEAP Transcript Title
BIOCHEMISTRY

UCEAP Quarter Units
4.50

UCEAP Semester Units

3.00

Course Description

This course provides an overview of the main aspects of biochemistry by relating molecular interactions to their effects on the organism as a whole. Topics include metabolism, glycolysis and gluconeogenesis, the citric acid cycle, oxidative phosphorylation, the light reactions of photosynthesis, the Calvin cycle and the pentose phosphate pathway, glycogen metabolism, fatty acid metabolism, protein turnover and amino acid catabolism, biosynthesis of amino acids, nucleotide biosynthesis, the biosynthesis of membrane lipids and steroids, and integration of metabolism.

Language(s) of Instruction
English

Host Institution Course Number
LSB3102

Host Institution Course Title
BIOCHEMISTRY II

Host Institution Course Details

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Life Science and Biotechnology

Course Last Reviewed
2022-2023

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