COURSE DETAIL

BIOCHEMISTRY 2
Country Korea, South
Host Institution Seoul National University
Program(s) Seoul National University
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Biochemistry
UCEAP Course Number 153
UCEAP Course Suffix
UCEAP Official Title BIOCHEMISTRY 2
UCEAP Transcript Title BIOCHEMISTRY 2
UCEAP Quarter Units 4.50
UCEAP Semester Units 3.00

Course Description

This course introduces the basic energetic principles governing metabolism and concepts of bioenegetics including discussions on enzymes and regulatory mechanisms in catabolic and anabolic pathways.

As the second part of Biochemistry 1, Biochemistry 2 covers chemical reactions in biology on the basis of the molecular system. The course examines metabolism of lipids, amino acids, and carbohydrates; the anabolism of lipids, amino acids, and carbohydrates. Topics include gene expression, regulation of prokaryotes and ehkaryotes, protein targeting, protein synthesis, RNA processing, and DNA rearrangement.

Language(s) of Instruction
English

Host Institution Course Number
300.313

Host Institution Course Title
BIOCHEMISTRY 2

Host Institution Course Details

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Course Last Reviewed
2024-2025

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