

COURSE DETAIL

INTRODUCTION TO CHEMICAL BIOLOGY

Country

Korea, South

Host Institution

Seoul National University

Program(s)

Seoul National University

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Chemistry Biochemistry

UCEAP Course Number

134

UCEAP Course Suffix**UCEAP Official Title**

INTRODUCTION TO CHEMICAL BIOLOGY

UCEAP Transcript Title

INTRO CHEM BIOLOGY

UCEAP Quarter Units

4.50

UCEAP Semester Units

3.00

Course Description

This course introduces life processes at the molecular level, which is the basic concept of chemical biology. This course covers various topics related to the structure and function of proteins, nucleic acids as the storage molecules of genetic information, the functions of biopolymers, the dynamic nature of cell membranes, and generation of biological energy. This course provides the foundation for students to learn more advanced subjects such as neuroscience, gene therapy, development of new crops, drug discovery, and protein engineering.

Language(s) of Instruction

English

Host Institution Course Number

886.034

Host Institution Course Title

INTRODUCTION TO CHEMICAL BIOLOGY

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Chemistry

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