

## 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 Course Details

### Host Institution Campus

### Host Institution Faculty

### Host Institution Degree

### Host Institution Department

Chemistry

### Course Last Reviewed

2021-2022

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