

## COURSE DETAIL

### CELL BIOLOGY

**Country**

Korea, South

**Host Institution**

Seoul National University

**Program(s)**

Seoul National University

**UCEAP Course Level**

Lower Division

**UCEAP Subject Area(s)**

Biological Sciences

**UCEAP Course Number**

27

**UCEAP Course Suffix****UCEAP Official Title**

CELL BIOLOGY

**UCEAP Transcript Title**

CELL BIOLOGY

**UCEAP Quarter Units**

4.50

**UCEAP Semester Units**

3.00

## Course Description

This is an introductory course for students who took general biology in first year and deals with major issues in modern cell biology. The main theme of the course is to understand how individual cells can maintain life and reproduce for the next generation. Emphasis is on (1) structural-functional relationships of the cellular organelles as well as molecules; (2) flow of genetic information inside cells and tissues, and (3) cell cycle control, intracellular signal transduction, and carcinogenesis. Toward this end, the course also deals with the subjects of cellular physiology; basic genetic mechanisms; differentiation; development of multicellular organisms, as well as inborn genetic diseases.

### Language(s) of Instruction

English

### Host Institution Course Number

3346.205

### Host Institution Course Title

CELL BIOLOGY

### Host Institution Campus

### Host Institution Faculty

### Host Institution Degree

### Host Institution Department

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