

## COURSE DETAIL

### EXPERIMENT BIOMEDICAL SCIENCES 2

**Country**

Korea, South

**Host Institution**

Korea University

**Program(s)**

Korea University

**UCEAP Course Level**

Lower Division

**UCEAP Subject Area(s)**

Biological Sciences

**UCEAP Course Number**

64

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

EXPERIMENT BIOMEDICAL SCIENCES 2

**UCEAP Transcript Title**

EXPRMNT BIOMD SCI 2

**UCEAP Quarter Units**

4.50

**UCEAP Semester Units**

3.00

## Course Description

This course provides instruction and practical experience in conducting and analyzing experiments and in experimental techniques that are commonly applied across various subjects.

Topics include preparation of microbial media; cultivation of bacteria; water quality; microscopic examination; biochemical characterization; microbiome analyses; genomic DNA extraction & PCR; gel electrophoresis & PCR purification & Sanger sequencing; DNA fingerprinting; Bioinformatic analysis.

### Language(s) of Instruction

English

### Host Institution Course Number

BSMS202

### Host Institution Course Title

EXPERIMENT BIOMEDICAL SCIENCES II

### Host Institution Campus

### Host Institution Faculty

### Host Institution Degree

### Host Institution Department

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