

## COURSE DETAIL

### EPIGENETICS

**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**

26

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

EPIGENETICS

**UCEAP Transcript Title**

EPIGENETICS

**UCEAP Quarter Units**

4.50

**UCEAP Semester Units**

3.00

## Course Description

This course is an introduction to the principles and mechanisms of epigenetics, exploring how heritable changes in gene expression occur without changes to the underlying DNA sequence. Topics include DNA methylation, histone modifications, chromatin remodeling, and non-coding RNAs. The course will also cover the role of epigenetics in development, disease, and evolution.

## Language(s) of Instruction

English

## Host Institution Course Number

BSMS214

## Host Institution Course Title

EPIGENETICS

## Host Institution Campus

## Host Institution Faculty

## Host Institution Degree

## Host Institution Department

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