

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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