

## COURSE DETAIL

### GENETICS

**Country**

Korea, South

**Host Institution**

Yonsei University

**Program(s)**

Yonsei University

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Biological Sciences

**UCEAP Course Number**

125

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

GENETICS

**UCEAP Transcript Title**

GENETICS

**UCEAP Quarter Units**

4.50

**UCEAP Semester Units**

3.00

## Course Description

The course introduces the study of genetics and focuses on understanding phenotypic variation and the mechanisms underlying inheritance. The processes that participate in converting an individual's genotype into the phenotypes displayed by that individual are of particular interest and importance. In this course students explore the fundamental properties of genes and the various approaches to genetic analysis, as it is performed in several different model organisms. When applicable, the course examines current examples of genetics issues that arise in the literature or in the media and link these examples to topics covered in class.

Prerequisites: General Biology

## Language(s) of Instruction

English

## Host Institution Course Number

LST2003

## Host Institution Course Title

GENETICS

## Host Institution Course Details

## Host Institution Campus

## Host Institution Faculty

## Host Institution Degree

## Host Institution Department

## Course Last Reviewed

2024-2025

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