

## COURSE DETAIL

### GENETIC ANALYSIS

**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**

104

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

GENETIC ANALYSIS

**UCEAP Transcript Title**

GENETIC ANALYSIS

**UCEAP Quarter Units**

4.50

**UCEAP Semester Units**

3.00

## Course Description

The study of genetics 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. The course discusses the fundamental properties of genes and the various approaches to genetic analysis, as it is performed in several different model organisms. When applicable, current examples of genetics issues that arise in the literature or in the media are also discussed and linked to topics covered in class.

Textbook: Et.al. Griffiths "INTRODUCTION TO GENETIC ANALYSIS"

Assessment: Midterm (40%), Final (40%), Quizzes (20%) Prerequisite: General Biology

## Language(s) of Instruction

English

## Host Institution Course Number

BTE2702

## Host Institution Course Title

GENETIC ANALYSIS

## Host Institution Course Details

## Host Institution Campus

## Host Institution Faculty

## Host Institution Degree

## Host Institution Department

Biotechnology

## Course Last Reviewed

[Print](#)