

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 Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Biotechnology

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