

COURSE DETAIL

INTRODUCTION TO GENETICS

Country

United Kingdom - England

Host Institution

University College London

Program(s)

University College London

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Biological Sciences

UCEAP Course Number

130

UCEAP Course Suffix**UCEAP Official Title**

INTRODUCTION TO GENETICS

UCEAP Transcript Title

INTRO GENETICS

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course presents modern genetics in a specifically non-molecular context in the hope that students see that molecular biology has the potential to answer larger and more important questions rather than being simply an end in itself. Students are introduced to the genetics of a variety of creatures from peas to humans. Topics include basic Mendelism, genetic linkage and linkage maps, chromosomes, cytoplasmic inheritance, mutation and mutagenesis, quantitative genetics, family structure, population genetics, and evolutionary genetics.

Language(s) of Instruction

English

Host Institution Course Number

BIOL0003

Host Institution Course Title

INTRODUCTION TO GENETICS

Host Institution Campus

University College London

Host Institution Faculty

Host Institution Degree

bachelors

Host Institution Department

Biosciences

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