

COURSE DETAIL

GENETICS

Country

Hong Kong

Host Institution

University of Hong Kong

Program(s)

University of Hong Kong

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Biological Sciences

UCEAP Course Number

141

UCEAP Course Suffix**UCEAP Official Title**

GENETICS

UCEAP Transcript Title

GENETICS

UCEAP Quarter Units

5.00

UCEAP Semester Units

3.30

Course Description

This course focuses on the basic principles of classical (Mendelian) genetics. Topics covered include probability in Mendelian inheritance and pedigree analysis, extensions to Mendelian analysis, genetic interaction, sex-linkage and the chromosome theory of inheritance, linkage, crossing-over, and genetic mapping, and molecular genetics.

Language(s) of Instruction

English

Host Institution Course Number

BIOL3408

Host Institution Course Title

GENETICS

Host Institution Campus**Host Institution Faculty****Host Institution Degree****Host Institution Department**

Biological Sciences

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