

COURSE DETAIL

GENETICS

Country

New Zealand

Host Institution

University of Waikato

Program(s)

University of Waikato

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Biological Sciences

UCEAP Course Number

120

UCEAP Course Suffix**UCEAP Official Title**

GENETICS

UCEAP Transcript Title

GENETICS

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course examines genetics in the widest sense from the molecular and cellular to the applied and evolutionary. Both prokaryote and eukaryote genetics are discussed with respect to DNA replication, hereditary, gene expression and control, and the role of mutations at both the DNA and chromosomal levels. The course provides a pathway from basic research in molecular genetics to clinical applications in health and disease.

Language(s) of Instruction

English

Host Institution Course Number

BIOMO202

Host Institution Course Title

GENETICS

Host Institution Campus

Hamilton

Host Institution Faculty

Host Institution Degree

Host Institution Department

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