

# 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 Course Details**

<https://papers.waikato.ac.nz/papers/BIOMO202>

### **Host Institution Campus**

Hamilton

### **Host Institution Faculty**

### **Host Institution Degree**

### **Host Institution Department**

### **Course Last Reviewed**

2023-2024

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