

COURSE DETAIL

MICROBIAL GENOMICS

Country

Australia

Host Institution

University of Queensland

Program(s)

University of Queensland

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Biochemistry

UCEAP Course Number

111

UCEAP Course Suffix**UCEAP Official Title**

MICROBIAL GENOMICS

UCEAP Transcript Title

MICROBIAL GENOMICS

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course covers the principles of microbial genomics and its application to cultured and uncultured microbial diversity (metagenomics), including the use of informational macromolecules such as 16S rRNA. The course emphasizes recent projects that use genomics and metagenomics to advance the fields of metabolic engineering, wastewater treatment and human health. This course has content relevant to Biotechnology and Genetics majors.

Language(s) of Instruction

English

Host Institution Course Number

MICR3004

Host Institution Course Title

MICROBIAL GENOMICS

Host Institution Campus

Queensland

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

Chemistry and Molecular Biosciences

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