

COURSE DETAIL

MICROBIOLOGY AND IMMUNOLOGY

Country

Australia

Host Institution

University of Queensland

Program(s)

University of Queensland

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Biological Sciences

UCEAP Course Number

124

UCEAP Course Suffix**UCEAP Official Title**

MICROBIOLOGY AND IMMUNOLOGY

UCEAP Transcript Title

MICROBIO&IMMUNOLOGY

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course explores the diversity of microorganisms, their cellular biology, growth and nutrition, metabolism, and basic genetics. The role of microorganism in disease, as well as their ecology and applications in biotechnology is also examined. Insight into the immune response to infection is gained by studying the innate, humoral and cellular immune systems and their functions in health and disease. The practical component of the course includes laboratory experiments to demonstrate principles learned in the lectures, where students will gain practical skills in safely handling microbial cultures for isolation and identification.

Language(s) of Instruction

English

Host Institution Course Number

MICR2000

Host Institution Course Title

MICROBIOLOGY AND IMMUNOLOGY

Host Institution Campus

Queensland

Host Institution Faculty

Host Institution Degree

Host Institution Department

Chemistry and Molecular Biosciences

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