

COURSE DETAIL

MICROBES, INFECTION AND IMMUNITY

Country

Australia

Host Institution

University of Sydney

Program(s)

University of Sydney

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Health Sciences Biological Sciences

UCEAP Course Number

154

UCEAP Course Suffix**UCEAP Official Title**

MICROBES, INFECTION AND IMMUNITY

UCEAP Transcript Title

MICROBE INFEC& IMMU

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course examines transmission, pathogenicity and the immune response to microbes. It explores the characteristics of viral, bacterial, fungal and protist pathogens and their virulence mechanisms for establishment and progression of disease; host immune response and characteristic pathological changes to tissues; mechanisms for colonization, invasion and damage to host tissue; the ways in which the immune system recognizes and destroys invading microbes; how the T cell response is activated and antibodies function; antibiotic resistance; and control and vaccination strategies.

Language(s) of Instruction

English

Host Institution Course Number

MIMI2002

Host Institution Course Title

MICROBES, INFECTION AND IMMUNITY

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

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