

# 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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