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 Course Details
https://www.sydney.edu.au/units/MIMI2002/2023-S2C-ND-CC

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Course Last Reviewed
2023-2024

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