COURSE DETAIL

DEFENSE AND DISEASE
Country South Africa
Host Institution University of Cape Town
Program(s) Explore South Africa,University of Cape Town
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Biological Sciences
UCEAP Course Number 100
UCEAP Course Suffix
UCEAP Official Title DEFENSE AND DISEASE
UCEAP Transcript Title DEFENSE & DISEASE
UCEAP Quarter Units 12.00
UCEAP Semester Units 8.00

Course Description
The course introduces the vertebrate immune system and its components such as major histocompatibility complex (MHC) cell structure and pathogen recognition. Students examine the immune systems of invertebrates and plants. Students also learn about viruses, such as HIV, and how viruses evade the immune system in order to infect their host. Finally the course examines strategies to produce vaccines that enable immunity to viral infection. Assessment: tests and essays (40%), and a final exam (60%).

Language(s) of Instruction
English

Host Institution Course Number
MCB3024S

Host Institution Course Title
DEFENCE AND DISEASE

Host Institution Course Details

Host Institution Campus
Science

Host Institution Faculty

Host Institution Degree

Host Institution Department
Molecular & Cell Biology

Course Last Reviewed

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