

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 Campus

Science

Host Institution Faculty**Host Institution Degree****Host Institution Department**

Molecular & Cell Biology

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