

# 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**

MCB30245

**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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