

COURSE DETAIL

PRINCIPLES OF ECOLOGY AND EVOLUTION

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

119

UCEAP Course Suffix**UCEAP Official Title**

PRINCIPLES OF ECOLOGY AND EVOLUTION

UCEAP Transcript Title

ECOLOGY & EVOLUTION

UCEAP Quarter Units

8.00

UCEAP Semester Units

5.30

Course Description

This course introduces the theoretical concepts and principles used by ecologists and evolutionary biologists to understand the structure and functioning of natural ecosystems; including the processes underlying evolution, natural selection, inheritance and genetic variation in both plants and animals. The practicals, which include a compulsory field camp, emphasize hands-on training in the practical techniques used by researchers and the standard techniques used in scientific report and manuscript writing. Assessment: final exam (50%), practical classes (15%), test (15%), project based on field camp data collected (20%).

Language(s) of Instruction

English

Host Institution Course Number

BIO2010F

Host Institution Course Title

PRINCIPLES OF ECOLOGY AND EVOLUTION

Host Institution Campus

Science

Host Institution Faculty

Host Institution Degree

Host Institution Department

Biological Sciences

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