

COURSE DETAIL

CONSERVATION: GENES, POPULATIONS AND BIODIVERSITY

Country

South Africa

Host Institution

University of Cape Town

Program(s)

University of Cape Town

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Environmental Studies Biological Sciences

UCEAP Course Number

116

UCEAP Course Suffix**UCEAP Official Title**

CONSERVATION: GENES, POPULATIONS AND BIODIVERSITY

UCEAP Transcript Title

CONSERVATION BIOL

UCEAP Quarter Units

12.00

UCEAP Semester Units

8.00

Course Description

This course introduces the science and practice of conservation biology, beginning with an overview of conservation issues, the value of biodiversity, extinction risks, and the history and philosophy of conservation. It explores the conservation of biodiversity at multiple levels, including the diversity of genes, species, populations, and ecosystems. At the species and population levels, the role of life history, behavior, and management of populations in the real world is covered. The conservation and management of ecosystems is considered in terms of important processes, such as disturbance, re-wilding, and threats by alien species. Issues considered here include incentives, access, who benefits from conservation, legal aspects, and management policies.

Language(s) of Instruction

English

Host Institution Course Number

BIO3014S

Host Institution Course Title

CONSERVATION: GENES, POPULATIONS, AND BIODIVERSITY

Host Institution Campus

University of Cape Town

Host Institution Faculty

Faculty of Science

Host Institution Degree

Host Institution Department

Department of Biological Sciences

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