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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