COURSE DETAIL

BIOLOGICAL DIVERSITY
Country South Africa
Host Institution University of Cape Town
Program(s) University of Cape Town
UCEAP Course Level Lower Division
UCEAP Subject Area(s) Biological Sciences
UCEAP Course Number 26
UCEAP Course Suffix
UCEAP Official Title BIOLOGICAL DIVERSITY
UCEAP Transcript Title BIOLOGCAL DIVERSTY
UCEAP Quarter Units 6.00
UCEAP Semester Units 4.00

Course Description

This course illustrates the diversity and complexity of living organisms, from viruses to humans. Topics include evolution as a means of interpreting change with time; modern theories on the mechanisms of evolution; the origin of species, including humans; structure and functioning of the simplest microbial life forms; structure and life cycles of fungi; the evolution of aquatic and terrestrial plants; the diversity and adaptations of invertebrate animals; the development and adaptations of chordate groups; primate diversity and evolution; conservation and biodiversity issues in relation to South African biomes and global change. The course includes a strong practical component which further examines biodiversity and related concepts. DP requirements: Completion of at least 80% of deliverables (tests, practicals, tutorials, field trip report), including at least one class test, the practical test, and the field trip report; attendance of practicals and field trip; minimum average of 50% for practicals; minimum of 40% for the class record. Assessment: Coursework 40%. Theory test 1 (7%), theory test 2 (7%), practical test (10%), practicals (10%), field trip report (group mark, 6%). Examinations 60%. One 2-hour theory examination written in November counts 40% (subminimum of 40% applies); one 1.5-hour practical examination written in November counts 20%.

Language(s) of Instruction
English

Host Institution Course Number
BIO1004S

Host Institution Course Title
BIOLOGICAL DIVERSITY

Host Institution Course Details
https://www.uct.ac.za/sites/default/files/media/documents/uct_ac_za/49/SCI_Hand...

Host Institution Campus
University of Cape Town

Host Institution Faculty
Science

Host Institution Degree

Host Institution Department
Biological Sciences

Course Last Reviewed
2024-2025

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