COURSE DETAIL

LANDSCAPES AND ENVIRONMENTAL CHANGE
Country Australia
Host Institution University of Melbourne
Program(s) University of Melbourne
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Geography
UCEAP Course Number 122
UCEAP Course Suffix
UCEAP Official Title LANDSCAPES AND ENVIRONMENTAL CHANGE
UCEAP Transcript Title LANDSCAPES & ENVT
UCEAP Quarter Units 6.00
UCEAP Semester Units 4.00

Course Description
The course focuses on the dynamic surface of our planet and the environments it sustains. The Earth’s surface is shaped by a complex interaction of physical and biological processes operating over a range of spatial and temporal scales. Understanding these processes in the present day, as well as reconstructing landscape and ecological change in the past, enables us to predict their future response to climate change and human activity. This course studies the processes and spatial patterns that shape natural landscapes and learn about approaches of reconstructing their evolution. The course provides an appreciation of the ways that the dynamics of natural landscapes need to be incorporated into environmental management and the conservation of biodiversity. This includes an in-depth understanding of the wide spectrum of landforms (including mountains and hillslopes, glaciers, rivers, dunes, and coasts) and the processes contributing to their formation and decay. In addition, the subject addresses the geographic patterns and dynamics of life on the Earth’s surface and investigates the way in which certain landscapes support particular types of ecosystems (such as rainforest, grassland, desert, estuarine and marine communities). Finally, the factors that may cause change in natural landscapes are explored to assess the roles played by climate, tectonics and humans over various timescales.

Language(s) of Instruction
English

Host Institution Course Number
GEOG20002

Host Institution Course Title
LANDSCAPES AND ENVIRONMENTAL CHANGE

Host Institution Course Details

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Geography

Course Last Reviewed

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