

COURSE DETAIL

HUMAN AND TERRESTRIAL ECOLOGY

Country

Australia

Host Institution

University of Queensland

Program(s)

Marine Biology & Terrestrial Ecology

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Biological Sciences

UCEAP Course Number

106

UCEAP Course Suffix**UCEAP Official Title**

HUMAN AND TERRESTRIAL ECOLOGY

UCEAP Transcript Title

HUMAN & TERRESTRIAL

UCEAP Quarter Units

8.00

UCEAP Semester Units

5.30

Course Description

This course examines how the basic abiotic factors of the Australian environment, such as climate and geology, have resulted in the distinct Australian biota. Students examine how the same factors have influenced indigenous and non-indigenous human cultures, and contrast the effects the two have had in turn on the biota. A field trip to Stradbroke Island introduces the typical Australian vegetation adapted to poor soils in a drought and fire-ridden environment. A trip to Lamington National Park introduces Australian rainforest - the vegetation which typically develops at the opposite extreme of all those variables. Australia is very instructive in an international sense regarding how rainforest is defined. Unlike most parts of the world, we recognize dry rainforest or vine thickets which are highly distinct from nearby non-rainforest vegetation. They grow in very low rainfalls, but in the absence of fire. A trip to Kroombit Tops shows the students rare examples of the driest extremes of rainforest in an ecologically fascinating mosaic, and gives them a remote outback experience in a functioning cattle station.

Language(s) of Instruction

English

Host Institution Course Number

Host Institution Course Title

HUMAN AND TERRESTRIAL ECOLOGY

Host Institution Campus

Queensland

Host Institution Faculty

Host Institution Degree

Host Institution Department

Ecology

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