

COURSE DETAIL

TROPICAL DIVERSITY

Country

Costa Rica

Host Institution

Monteverde Institute

Program(s)

Tropical Biology and Conservation

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Biological Sciences

UCEAP Course Number

101

UCEAP Course Suffix**UCEAP Official Title**

TROPICAL DIVERSITY

UCEAP Transcript Title

TROPICAL DIVERSITY

UCEAP Quarter Units

4.00

UCEAP Semester Units

2.70

Course Description

This course addresses the causes of biodiversity in the Tropics and the effects of high species richness on the biology of tropical organisms. It examines climatic influences, geology, and biotic interactions leading to increased species numbers in the Tropics. Students learn about species concepts, learn to calculate species diversity and explore the causes and consequences of extinctions. Topics include: basic taxonomy and natural history of major groups including plants, insects, reptiles, amphibians, birds and mammals. Students also have the option of studying a taxon of their choice. Theories and practices of conservation of species, habitats and ecosystems are presented and discussed throughout the course.

Language(s) of Instruction

Host Institution Course Number

Host Institution Course Title

TROPICAL DIVERSITY

Host Institution Campus

Monteverde

Host Institution Faculty

Host Institution Degree

Host Institution Department

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