

COURSE DETAIL

TROPICAL COMMUNITY ECOLOGY

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

102

UCEAP Course Suffix**UCEAP Official Title**

TROPICAL COMMUNITY ECOLOGY

UCEAP Transcript Title

TROP COMM ECOLOGY

UCEAP Quarter Units

4.00

UCEAP Semester Units

2.70

Course Description

This course focuses on the ecology and natural history of organisms and the processes that generate patterns evident at the community level. The initial field trip and subsequent orientation walks are fully integrated into the course. Lecture topics include pollination, seed dispersal, herbivory and plant defenses, mutualisms, parasitisms, soil ecology and nutrient cycling, and forest dynamics and succession. Students do several field projects (in groups or pairs) in which a question is asked and answered in a day's effort. Evolution and conservation are themes throughout the course.

Language(s) of Instruction

Host Institution Course Number

Host Institution Course Title

Host Institution Course Details

Host Institution Campus

Monteverde

Host Institution Faculty

Host Institution Degree

Host Institution Department

Course Last Reviewed

2024-2025

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