

# 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

TROPICAL COMMUNITY ECOLOGY

## Host Institution Campus

Monteverde

## Host Institution Faculty

## Host Institution Degree

## Host Institution Department

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