Nebraska Wesleyan University

BIO 252 Tropical Biology of Belize

Catalog

2012-2013

Course Description

A field ecology course taught in the Central American nation of Belize. The course examines historical and current human land use patterns in Belize through visits to two Mayan ruins (i.e., Xunantunich and Caracol) that date from the Early Classic and Classic Mayan periods. Students spend several days in southern Belize living at the Las Cuevas Research Station located in the Chiquibul Forest Reserve Tropical rain forest (TRF) structure and ecology is presented using lecture, field trips, and a student research project. The remainder of the course is spent on an island situated on the Belize Barrier Reef. Reef ecology, mangrove ecology, and other elements of marine biology are covered during this portion of the course. Morning and evening lectures are used to introduce and review concepts highlighted during daily field trips. Field trips at this location involve snorkeling and SCUBA diving trips to sites near Southwater Caye.

Prerequisite(s): BIO 050 General Biology of Plants or BIO 060 General Biology of Animals or permission of the instructor.

Course Hours

3 hours

Departments

1. Biology