Nebraska Wesleyan University

BIO 3540 Applied Marine Biology

Catalog

2024-2025

Course Description

A field marine biology course taught at a remote location in the Americas. The course is a continuation of the concepts presented in BIO 3530 Principles of Marine Biology and Oceanography usually by focusing on a tropical coral reef ecosystem. Students gain an understanding of how to sample, monitor, and assess reef ecosystem health with particular attention paid to plankton biology. Mangrove biology and ecology are also covered during the course. Students are required to complete an independent research project of their design and choosing while in the field.
Prerequisite(s): PADI or SSI Open Water Diver SCUBA certification and BIO 3530 Principles of Marine Biology and Oceanography (or permission of the instructor).
(Normally offered in summer of even-numbered years.)

Archway Curriculum: Essential Connections: Experiential Learning: Intensive

Course Hours

3 hours

Departments

1. Biology