

## COURSE DETAIL

### MARINE ECOLOGY

**Country**

Taiwan

**Host Institution**

National Taiwan University

**Program(s)**

National Taiwan University

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Environmental Studies Biological Sciences

**UCEAP Course Number**

130

**UCEAP Course Suffix****UCEAP Official Title**

MARINE ECOLOGY

**UCEAP Transcript Title**

MARINE ECOLOGY

**UCEAP Quarter Units**

4.50

**UCEAP Semester Units**

3.00

## Course Description

This comprehensive course provides a balanced and stimulating overview of marine ecology. It introduces the fundamental processes and systems that shape the marine environment and addresses the pertinent issues and challenges associated with its future conservation.

The course covers the following topics:

- Patterns in the Marine Environment
- Primary Production
- Microbial Production and Decomposition
- Secondary Production
- Estuaries
- Salt Marsh Mangrove Seagrass
- Rocky and Sandy Shore
- Coral Reef
- Pelagic Ecosystems
- Continental shelf seabed
- The deep sea
- Polar ecosystems

## Language(s) of Instruction

English

## Host Institution Course Number

Ocean5002

## Host Institution Course Title

MARINE ECOLOGY

## Host Institution Campus

## Host Institution Faculty

## Host Institution Degree

## Host Institution Department

[Print](#)