

## COURSE DETAIL

### PRACTICAL MARINE ECOLOGY AND CONSERVATION

**Country**

Thailand

**Host Institution**

Mahidol University

**Program(s)**

Mahidol University

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Environmental Studies Earth & Space Sciences Biological Sciences

**UCEAP Course Number**

104

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

PRACTICAL MARINE ECOLOGY AND CONSERVATION

**UCEAP Transcript Title**

PRAC MARINE ECOLOGY

**UCEAP Quarter Units**

2.50

**UCEAP Semester Units**

1.70

## Course Description

This course introduces fundamental methods and techniques for analyzing both biotic interactions and abiotic conditions in diverse marine ecosystems. Through a combination of laboratory work and field studies, students gain hands-on experience in experimental design, data collection, and analysis. Topics include measurement of abiotic factors, assessment of species interactions and community structure, evaluation of biodiversity and similarity indices, and investigation of behavioral and ecological patterns. The course also explores the effects of human activities on marine environments and examines strategies for ecosystem restoration, rehabilitation, and conservation.

## Language(s) of Instruction

English

## Host Institution Course Number

ICBI 442

## Host Institution Course Title

PRACTICAL MARINE ECOLOGY AND CONSERVATION

## Host Institution Course Details

[https://muic.mahidol.ac.th/eng/wp-content/downloads/catalog/muic\\_catalog\\_2025.p...](https://muic.mahidol.ac.th/eng/wp-content/downloads/catalog/muic_catalog_2025.p...)

## Host Institution Campus

Mahidol University International College

## Host Institution Faculty

Sciences

## Host Institution Degree

Biological Sciences

## Host Institution Department

Biological Sciences

**Course Last Reviewed**

2025-2026

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