

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.pdf

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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