

# COURSE DETAIL

## CORAL REEF ECOSYSTEM IN A CHANGING WORLD

**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**

119

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

CORAL REEF ECOSYSTEM IN A CHANGING WORLD

**UCEAP Transcript Title**

CORAL REEF ECOSYST

**UCEAP Quarter Units**

4.50

**UCEAP Semester Units**

3.00

## Course Description

The rapid decline of coral reefs around the world motivates research to better understand how this complex ecosystem will respond to future environmental changes. This course reviews current knowledge on reef organisms and coral reef ecosystems, and studies the factors responsible for reef degradation. The course also introduces basic elements to assess resilience of this ecosystem. Students are provided with an up-to-date understanding of the coral reef crisis and the immediate actions to take for the long-term conservation of these fragile ecosystems. Many examples are based on reefs in Taiwan, and speakers may be invited to illustrate specific topics.

## Language(s) of Instruction

English

## Host Institution Course Number

OCEAN5097

## Host Institution Course Title

CORAL REEF ECOSYSTEM IN A CHANGING WORLD

## Host Institution Course Details

[http://http://nol.ntu.edu.tw/nol/coursesearch/print\\_table.php?course\\_id=241%20U...](http://http://nol.ntu.edu.tw/nol/coursesearch/print_table.php?course_id=241%20U...)

## Host Institution Campus

## Host Institution Faculty

## Host Institution Degree

## Host Institution Department

Oceanography

## Course Last Reviewed

2022-2023

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