

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 Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Oceanography

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