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Marine Coastal and Delta Sustainability for Southeast Asia
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Course presentation

Marine Ecology

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Institute of Oceanography
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Overview of course

- Name: Marine Ecology
- Language: Vietnamese
- Coordinator: Institute of Oceanography
- Credits: 4,5 ECTs
- Lecturers: Hoang Xuan Ben
- Level: BSc.
- Host institution: Ho Chi Minh City University of Natural Resources and Environment
- Course duration: 1 semester (the classes will be scheduled in accordance with the university timetable)

Content of course

- Provide an understanding of the patterns of abundance and diversity of marine organisms and the processes in marine ecosystems.
- Understand the complexity of marine systems and how to quantifying them.
- Understand how to design the experiments/ collect data for the development of theory and solutions to environmental and conservation problems in coastal/marine habitats.
- The field work.

Aims and objectives

The main course objective is to equip students with knowledge of:

- Understanding abundance of marine organisms.
- Understanding ecological processes in marine ecosystems.
- Understanding the effect of humans on marine ecosystem changes and its biogeographic contingencies.
- Improving scientific communication skills and teamwork

Lecture Structure

Chapter 1: Outline Of Marine Ecology

Chapter 2: Ecological Factors And Marine Habitat

Chapter 3: Biological Factors

Chapter 4: Characteristic Marine Ecosystems

Chapter 5: Ecological Effects Of Marine Environment Factors

Evaluation

- Progress assessment (40%):
- Class participate (10%)
- Homework (30%)
- Final assessment (60%):
- Grade:
 - A (8,5-10)
 - B (7,0 –8,4)
 - C (5,5 –6,9)
 - D (4,0 –5,4)