

COURSE DETAIL

MARINE BIOLOGY

Country

Hong Kong

Host Institution

University of Hong Kong

Program(s)

University of Hong Kong

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Biological Sciences

UCEAP Course Number

143

UCEAP Course Suffix**UCEAP Official Title**

MARINE BIOLOGY

UCEAP Transcript Title

MARINE BIOLOGY

UCEAP Quarter Units

5.00

UCEAP Semester Units

3.30

Course Description

This course examines the field of marine biology, including the fascinating diversity of marine life, their function, ecology and inter-relationships. The topics cover: a) The physical and chemical environments (e.g., light, current, atmospheric -ocean interactions, salinity, temperature, pH, dissolved oxygen, nutrients) and how these may affect the marine biota; b) Important groups of marine organisms (e.g., phytoplankton, zooplankton, benthos, nekton, marine mammals) and marine food web; c) Major marine habitats and ecosystems (e.g., intertidal, benthic, pelagic, deep sea, coral reefs, mangroves); d) Exploitation of marine biological resources (e.g., fisheries and bioactive compounds); and e) Contemporary issues (e.g. climate change, marine pollution, sustainable use of marine living resources, invasive species).

Language(s) of Instruction

English

Host Institution Course Number

BIOL3301

Host Institution Course Title

MARINE BIOLOGY

Host Institution Course Details

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Course Last Reviewed

2024-2025

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