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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