

## 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**

121

**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 Campus

### Host Institution Faculty

### Host Institution Degree

### Host Institution Department

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