

## COURSE DETAIL

### PLANKTON ECOLOGY

**Country**

Singapore

**Host Institution**

National University of Singapore

**Program(s)**

National University of Singapore

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Environmental Studies Biological Sciences

**UCEAP Course Number**

128

**UCEAP Course Suffix****UCEAP Official Title**

PLANKTON ECOLOGY

**UCEAP Transcript Title**

PLANKTON ECOLOGY

**UCEAP Quarter Units**

6.00

**UCEAP Semester Units**

4.00

## Course Description

Phytoplankton and zooplankton are a vital part of aquatic ecosystems and form the basis of aquatic food webs. Understanding the role of plankton in aquatic ecosystems helps in advancing the solutions to problems facing today's water resources (harmful algal blooms, eutrophication and pollution). This course focuses on the biodiversity and ecology of phytoplankton and zooplankton, the roles they play in marine and freshwater ecosystems, their potential uses as biofuel and in aquaculture. The course consist of lectures, practicals and a hands-on application of modelling on phytoplankton datasets.

## Language(s) of Instruction

English

## Host Institution Course Number

LSM4260

## Host Institution Course Title

PLANKTON ECOLOGY

## Host Institution Campus

## Host Institution Faculty

## Host Institution Degree

## Host Institution Department

Biological Sciences

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