

## COURSE DETAIL

### LIMNOLOGY AND MARINE ECOLOGY - ORGANISMS AND HABITATS

**Country**

Sweden

**Host Institution**

Lund University

**Program(s)**

Lund University

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Biological Sciences

**UCEAP Course Number**

149

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

Limnology and Marine Ecology - Organisms and Habitats

**UCEAP Transcript Title**

LIMN&MARINE ECO

**UCEAP Quarter Units**

12.00

**UCEAP Semester Units**

8.00

## Course Description

The course consists of three modules, two theoretical parts (written examination and individual project) of 7.5 credits together, and a practical part of 7.5 credits (field exercises, laboratory sessions, species knowledge exam). The first part of the course includes the physical and chemical properties of water, species in the different organism groups and relationships in and between populations and their environment. Effects of human impact on aquatic ecosystems are discussed. During the second part of the course field trips to different aquatic habitats typical for southern Sweden are conducted, where the relationships between abiotic conditions and the adaptations of organisms are studied. Samples for analysis of water chemistry, microorganisms as well as plant and animal communities are collected and analyzed in the laboratory. During the practical work (carried out in project groups) the students acquire experience of the most important field and laboratory methods and knowledge of the characteristics of different aquatic environments. During the final part of the course the students carry out an individual project. The assignment is to define a subject, search for scientific literature, write a report, give an oral presentation and receive and give feedback to fellow students.

### Language(s) of Instruction

English

### Host Institution Course Number

BIOR86

### Host Institution Course Title

LIMNOLOGY AND MARINE ECOLOGY- ORGANISMS AND HABITATS

### Host Institution Course Details

<https://www.lunduniversity.lu.se/lubas/i-uoh-lu-BIOR86>

### Host Institution Campus

Lund

### Host Institution Faculty

Science

**Host Institution Degree**

**Host Institution Department**

Biology

**Course Last Reviewed**

2022-2023

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