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 the 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 Campus
Lund

Host Institution Faculty
Science

Host Institution Degree

Host Institution Department
Biology

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