

# COURSE DETAIL

## MARINE ECOLOGY

**Country**

Italy

**Host Institution**

University of Bologna

**Program(s)**

University of Bologna

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Environmental Studies Biological Sciences

**UCEAP Course Number**

160

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

MARINE ECOLOGY

**UCEAP Transcript Title**

MARINE ECOLOGY

**UCEAP Quarter Units**

6.00

**UCEAP Semester Units**

4.00

## Course Description

Please note that the course extends into January, available for year students only. The course focuses on the following topics: the geological evolution of the planet earth and the formation of sea basins; the physical and chemical characteristics of the water masses; physiography and geomorphology of the seabed, genesis, and characteristics of rocks and sediments; sedimentological processes and distribution of benthic environments; the interactions between marine organisms and the abiotic environment; the main types of marine ecosystems and their functional characteristics; and the processes of formation of populations and their distribution in space and time. The course is divided into lectures and practical sessions, in the field and/or in the laboratory, with collection and analysis of samples/data and interpretation of results. Visits to the ISMAR (Institute of Marine Sciences) of the CNR of Bologna where the tools used in oceanographic and marine biology campaigns and the principles and techniques for the analysis and interpretation of the acquired data are presented. Visit to the Environmental Sciences Laboratories, of the Master's Degree in Marine Biology, at the Ravenna Campus.

## Language(s) of Instruction

Italian

## Host Institution Course Number

18613

## Host Institution Course Title

ECOLOGIA MARINA

## Host Institution Course Details

<http://www.unibo.it/en/teaching/course-unit-catalogue/course-unit/2021/423114>

## Host Institution Campus

BOLOGNA

## Host Institution Faculty

BIOLOGY

**Host Institution Degree**

LT degree in Biological Sciences

**Host Institution Department**

BIOLOGY

**Course Last Reviewed**

2021-2022

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