

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

MARINE ECOLOGY

Host Institution Campus

BOLOGNA

Host Institution Faculty

BIOLOGY

Host Institution Degree

LT degree in Biological Sciences

Host Institution Department

BIOLOGY

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