



UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Introduction To Ocean Geography

1920-3-E3401Q053

Aims

To acquire the knowledge of the main biotic and abiotic components in marine systems; the knowledge of _____

Contents

Principles of marine ecology and paleoecology. Introduction to the marine environment. _____

Principles of marine geomorphology. _____

Detailed program

Part a. Principles of marine ecology and paleoecology. Introduction to the marine environment: physiographic and _____

Ecological factors: abiotic climatic factors; abiotic edaphic factors; biotic factors.

The organic matter in marine environment: primary productivity, bio-geochemical fluxes, role of the sedimentary _____

Sedimentation in the ocean.

Part b. Principles of marine geomorphology. The great morphological structures _____

Technologies of observation and sampling into the sea. Ship positioning and navigation.

Technologies of observation and measures. Technologies of sampling: substratum, water column, flows.

Underwater survey.

Prerequisites

Paleontology (for students in Geological Sciences)

Teaching form

Lectures

Textbook and teaching resource

Slides of lessons (e-learning)

Semester

second semester

Assessment method

Oral examination: 1 question related to part a, 1 question related to part b

Office hours

Any time, upon request by e-mail followed by confirmation by the professor
