

## Marine Ecology (C002773)

Due to Covid 19, the education and evaluation methods may vary from the information displayed in the schedules and course details. Any changes will be communicated on Ufora.

Course size (nominal values; actual values may depend on programme)  
Credits 5.0 Study time 135 h Contact hrs 35.0 h

Course offerings in academic year 2020-2021

Lecturers in academic year 2020-2021

Vanreusel, Ann	WE11	lecturer-in-charge
Pasotti, Francesca	WE11	co-lecturer
Van Colen, Carl	WE11	co-lecturer

Offered in the following programmes in 2020-2021

	crdts	offering

Teaching languages

English

Keywords

Physical characteristics of oceans, marine biogeochemical cycles, primary production, heterotrophic processes, benthos, sediments, pelagic, deep-sea, polar ecosystems, continental margins, coastal systems

Position of the course

To get insight in the main oceanological processes and marine ecosystems

Contents

The main marine ecosystems like coastal systems (beaches, mangroves, salt marshes, estuaries, coral reefs), and extreme environments like abyssal sites and trenches, hydrothermal vents, polar seas, deep-sea corals will be dealt with including aspects of habitat characterization, biogeochemical and physical processes, gradients, structural and functional biodiversity, food web structure, productivity, adaptations, and temporal and spatial variability will be included.

Initial competences

General ecological knowledge

Final competences

Insight in the biological oceanology and the ecology of marine ecosystems.

Conditions for credit contract

Access to this course unit via a credit contract is determined after successful competences assessment

Conditions for exam contract

This course unit cannot be taken via an exam contract

Teaching methods

Lecture, fieldwork

Learning materials and price

Ufora  
Course notes  
Handbook Marine Ecology 40 EUR

## References

Marine Ecology (processes, systems and impacts)  
Kaiser et al

## Course content-related study coaching

Interactive support using Ufora, email and colleges

## Evaluation methods

end-of-term evaluation

## Examination methods in case of periodic evaluation during the first examination period

Written examination with open questions

## Examination methods in case of periodic evaluation during the second examination period

Written examination with open questions

## Examination methods in case of permanent evaluation

## Possibilities of retake in case of permanent evaluation

not applicable

## Extra information on the examination methods

Written exam with Oral feedback

## Calculation of the examination mark

20% participation and report of field work

80% exam (with equal sharing over three parts from three lecturers)