

Initial competences

- General marine ecology concepts
- Basic physical and chemical oceanography concepts

Final competences

- 1 Knowledge of driving processes of environmental changes in the coastal zone and the synergies of stressors from climate change and other human impacts.
- 2 Knowledge of observing infrastructures and benthic platforms for coastal ocean / ecosystems.
- 3 Experience of data mining in ocean/biodiversity/ecosystem databases.
- 4 Experience of numerical methods used to analyse the periodicities and trends in coastal ecology.
- 5 Case studies of global change impact monitoring in coastal ecology.

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, Seminar: coached exercises

Extra information on the teaching methods

- 20 h of theoretical lectures.
- 30h of tutored projects and practical works

Learning materials and price

The students will be provided with the electronic support of the lectures (as PDF files).

References**Course content-related study coaching****Assessment moments**

end-of-term and continuous assessment

Examination methods in case of periodic assessment during the first examination period

Written examination

Examination methods in case of periodic assessment during the second examination period

Written examination

Examination methods in case of permanent assessment

Assignment

Possibilities of retake in case of permanent assessment

examination during the second examination period is possible

Extra information on the examination methods

Written examination and a personal project developed by student pairs

Calculation of the examination mark

- 60% Written Exam
- 40% Project