

## Lacustrine Systems (C002493)

Due to Covid 19, the education and assessment 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** 3.0

**Study time** 90 h

**Contact hrs**

20.0h

**Course offerings and teaching methods in academic year 2021-2022**

A (semester 2)

English

Gent

lecture

15.0h

online lecture

0.0h

**Lecturers in academic year 2021-2022**

Vyverman, Wim

WE11

lecturer-in-charge

Verleyen, Elie

WE11

co-lecturer

**Offered in the following programmes in 2021-2022**

[Master of Science in Marine and Lacustrine Science and Management](#)

**crdts**

3

**offering**

A

**Teaching languages**

English

**Keywords**

Inland aquatic ecosystems, advanced limnology, structure and ecosystem functioning, aquatic biodiversity and conservation.

**Position of the course**

This course provides advanced insights into the physical-chemical and biological characteristics of inland aquatic ecosystems, their function, evolutionary history and management.

**Contents**

Origin and distribution of lakes, physical and chemical limnology, community ecology, evolutionary history of selected lake biota, environmental change, conservation, exploitation and management.

**Initial competences**

Introductory courses chemistry, physics, limnology, ecology and biodiversity.

**Final competences**

Students have advanced understanding of the functioning of inland aquatic ecosystems and the evolution of their biota.

**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**

Online lecture, Lecture, Self-reliant study activities

**Extra information on the teaching methods**

discussion fora

Didactic tools and methods can change in response to measures taken to reduce the spread of COVID19

**Learning materials and price**

Scientific publications from international peer-reviewed journals and specialised handbooks.  
Cost: about 10 EUROS

## References

### Course content-related study coaching

During the course, students can ask questions at the end of each class or after making an appointment. At the end of the course, special sessions for answering questions can be organised. Questions can also be asked during contact moments of assignments.

### Assessment moments

end-of-term assessment

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

Written examination, Assignment

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

Written examination, Assignment

### Examination methods in case of permanent assessment

### Possibilities of retake in case of permanent assessment

not applicable

### Extra information on the examination methods

Students will be evaluated periodically, where the contents of the theory classes given by the lecturers will be evaluated. Assignments when given will be part of the evaluation process.

### Calculation of the examination mark

Final exam score comprises results of open questions and evaluation of the assignment (50/50). Students need to pass for both parts of the evaluation process in order to pass for this course. In case a student fails for one of the parts, a maximum score of 9/20 can be obtained.