

## Lacustrine Systems (C002493)

Course size (nominal values; actual values may depend on programme)

Credits	3.0	Study time	90 h	Contact hrs	20.0 h
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Course offerings and teaching methods in academic year 2019-2020

A (semester 2)	English	lecture	15.0 h
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Lecturers in academic year 2019-2020

Vyverman, Wim	WE11	lecturer-in-charge
Verleyen, Elie	WE11	co-lecturer

Offered in the following programmes in 2019-2020

	crdts	offering
<a href="#">Master of Science in Marine and Lacustrine Science and Management</a>	3	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

Lecture

Extra information on the teaching methods

discussion fora

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.

#### Evaluation methods

end-of-term evaluation

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

Written examination, assignment

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

Written examination, assignment

#### Examination methods in case of permanent evaluation

#### Possibilities of retake in case of permanent evaluation

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.