Course Specifications
Valid as from the academic year 2019-2020

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

Course offerings and teaching methods in academic year 2019-2020
A (semester 2) English lecture 15.0 h

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 crds offering
Master of Science in Marine and Lacustrine Science and Management 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

(Approved)
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.