# Lacustrine Systems (C002493)

Valid as from the academic year 2015-2016

Course Specifications

<table>
<thead>
<tr>
<th>Course size</th>
<th>Credits</th>
<th>Study time</th>
<th>Contact hrs</th>
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<tbody>
<tr>
<td></td>
<td>3.0</td>
<td>90 h</td>
<td>20.0 h</td>
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</tbody>
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Course offerings and teaching methods in academic year 2017-2018

- **A (semester 2)** lecture 15.0 h

Lecturers in academic year 2017-2018

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

Offered in the following programmes in 2017-2018

- 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

Student 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.