Figure: Aquatic Ecology

Module label: Aquatic Ecology
Module code: lök230
Credit points: 9.0 KP
Workload: 270 h
Used in course of study:
- Master’s Programme Landscape Ecology > Vertiefungsmodule zweites Fachsemester
Contact person:

- Ellen Kiel

Module responsibility:

- Ellen Kiel

Authorized examiners:

- Ellen Kiel

Entry requirements:

Skills to be acquired in this module:
The prior goals and themes of this module are:
- To learn about important parameter and ecological processes of specific aquatic habitats;
- Learn about threats and important disturbance factors;
- Work independently on scientific question;
- Learn methods and learn how to apply specific methods in field and in the laboratory experiments;
- Start to development methods on your own;
- Analyse the field and laboratory data, and apply modern statistical methods;
- Start critical analysis and discussion of field and laboratory data;
- Learn to develop mapping and assessment methods;
- Study principles of typology and models describing selected systems;
- Learn how to deal with nature conservation conflicts by referring to experimental field and laboratory data.

Module contents:
3 courses:
1. Lowland Waters (3 CP); 2. Bioassessment (3 CP); 3. Field Experiments (3 CP)

Reader’s advisory:
Relevant literature will be made available in advance via StudIP and during the course.

Links:

Languages of instruction:
German, English

Duration (semesters):
1 Semester

Module frequency:
jährlich

Module capacity:
20

Modullevel:
MM (Mastermodul)

Modulart:
Wahlpflicht

Lern-/Lehrform / Type of program:
V/S/Ü

Vorkenntnisse / Previous knowledge:

Examination:

- Time of examination: Before the end of the module
- Type of examination: 1 assignment (English, publication form)

Course type:

- Lecture: 2.00 SWS
- Exercises: 2.00 SWS
- Seminar: 2.00 SWS

Frequency:

- WiSe:

Workload attendance:
- 28 h

Total time of attendance for the module:
- 84 h