Iök230 - Aquatic Ecology

Module label: Aquatic Ecology
Module code: Iök230
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

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
Module level: MM (Mastermodul)
Modulart: Wahlpflicht

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

Vorkenntnisse / Previous knowledge:

Examination:
Final exam of module: Before the end of the module
Time of examination: 1 assignment (English, publication form)

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