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

Module responsibility
- Ellen Kiel

Authorized examiners
- Ellen Kiel

Entry requirements

Skills to be acquired in this module:
- To learn about important parameter and ecological processes of specific aquatic habitats;
- learn about threats and important disturbance factors;
- work independently on scientific questions;
- learn methods and learn how to apply specific methods in field and in the laboratory experiments;
- start to develop 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/U

Vorkenntnisse / Previous knowledge

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

Course type
Comment
SWS
Frequency
Workload attendance
Lecture
2.00
WiSe
28 h
Exercises
2.00
28 h
Seminar
2.00
28 h

Total time of attendance for the module
84 h