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: 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

Module level:
MM (Mastermodul)

Module type:
Wahlpflicht

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

Vorkenntnisse / Previous knowledge:

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

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

Total time of attendance for the module:
84 h