### Iök230 - 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
- 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)

#### Modultype
Wahlpflicht

### Examination

#### Time of examination
Before the end of the module

#### Type of examination
1 assignment (English, publication form)

#### Course type
<table>
<thead>
<tr>
<th>Comment</th>
<th>SWS</th>
<th>Frequency</th>
<th>Workload attendance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lecture</td>
<td>2.00</td>
<td>SuSe</td>
<td>28 h</td>
</tr>
<tr>
<td>Exercises</td>
<td>2.00</td>
<td>SuSe</td>
<td>28 h</td>
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<tr>
<td>Seminar</td>
<td>2.00</td>
<td>SuSe</td>
<td>28 h</td>
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#### Total time of attendance for the module
84 h