## bio770 - Field Methods in Organismal Biology

### Module label
Field Methods in Organismal Biology

### Module code
bio770

### Credit points
15.0 KP

### Workload
450 h

### Used in course of study
- Master's Programme Biology > Background Modules
- Master's Programme Biology > Background Modules

### Contact person
Module responsibility
- **Gerhard Wolfgang Zotz**

Authorized examiners
- **Gerhard Wolfgang Zotz**
- **Gabriele Gerlach**
- **Dirk Carl Albach**
- **Thomas Glatzel**
- **Klaus Bernhard von Hagen**
- **Henrik Mouritsen**

Module counseling
- **Gabriele Gerlach**
- **Dirk Carl Albach**
- **Thomas Glatzel**
- **Klaus Bernhard von Hagen**
- **Henrik Mouritsen**

### Entry requirements
Skills to be acquired in this module

++ deepened biological expertise  
++ deepened knowledge of biological working methods  
++ data analysis skills  
+ interdisciplinary thinking  
++ critical and analytical thinking  
++ independent searching and knowledge of scientific literature  
++ ability to perform independent biological research  
+ data presentation and discussion in German and English (written and spoken)  
++ project and time management  
++ statistics & scientific programming

The molecule aims at enabling students to apply theoretical knowledge to practical, hypothesis-based field studies within the scope of a seminar. The data derived from the individual projects performed are then to be documented and discussed in the form of a written laboratory course report oriented by a scientific publication and to be written in English. Several teachers cooperate to enable interdisciplinary approaches (e.g. botanical-zoological approaches).

### Module contents

S: Biogeographic and ecological classification and characterization of a biome (e.g. Mediterranean region, moist tropics, boreal zone), independent identification and treatment of scientific questions, presentation of scientific results in a "mini symposium" subsequent to the field studies.

E: Planning and performing a field study project, data analysis, written report in the form of a scientific publication

### Reader’s advisory
Varies with topic and field locality

### Links
www.uni-oldenburg.de/fun_eco/

### Languages of instruction
German, English

### Duration (semesters)
1 Semester

### Module frequency
jährlich

### Module capacity
21

### Module level
MM (Mastermodul / Master module)

### Modulart
Pflicht / Mandatory

### Lern-/Lehrform / Type of program

### Vorkenntnisse / Previous knowledge

### Examination
**Final exam of module**

<table>
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<th>Comment</th>
<th>SWS</th>
<th>Frequency</th>
<th>Workload attendance</th>
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### Type of examination

- Presentation(s) (30 %)
- Laboratory course report on project work (70 %)
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(Pflichtveranstaltung für Erstsemester OHNE bisherige Belehrung)

**Total time of attendance for the module**

168 h