# 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  
**Contact person**: Gerhard Wolfgang Zotz

**Module responsibility**
- Gerhard Wolfgang Zotz

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

**Module counselling**
- 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 module 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**

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<tr>
<th>Final exam of module</th>
<th>Type of examination</th>
<th>Time of examination</th>
<th>Presentation(s) (30 %)</th>
<th>Laboratory course report on project work (70 %)</th>
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<th>Frequency</th>
<th>Workload attendance</th>
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**Total time of attendance for the module**: 168 h