Module description

**Module title**  
Physiological Plant Ecology F1

**Abbreviation**  
07-MS3PPEF1-152-m01

**Module coordinator**  
holder of the Chair of Plant Physiology and Biophysics

**Module offered by**  
Faculty of Biology

**ECTS**  
10

**Method of grading**  
numerical grade

**Duration**  
1 semester

**Module level**  
graduate

**Other prerequisites**  
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### Contents

Under the guidance of an experienced scientist, students will work on a current research topic from the field of ecology/ecophysiology. Particular emphasis will be placed on the physiological bases of the interactions between plants and abiotic and biotic environmental factors (e.g. water relations, stress, biogeography). Working concepts and complex experiments will be designed, and the results will be documented and presented in the form of a presentation, a publication or a log. The participants will be involved in ongoing projects and will deepen their knowledge on applying special methods, in ecophysiology in particular but also in chemical analysis.

### Intended learning outcomes

The participants are able to perform scientific experiments in the field of physiological plant ecology and to apply appropriate methods. They are also able to address and document questions in the field of ecology/ecophysiology, adhering to the rules of good scientific practice.

### Courses

(P (14) + S (1)  
Module taught in: German and/or English

<table>
<thead>
<tr>
<th>Type</th>
<th>Number of Weekly Contact Hours</th>
<th>Language</th>
<th>Examination Offered</th>
<th>Information on Whether Module is Creditable for Bonus</th>
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</thead>
<tbody>
<tr>
<td>P</td>
<td>14</td>
<td>German</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>S</td>
<td>1</td>
<td>English</td>
<td>No</td>
<td>No</td>
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</tbody>
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### Method of assessment

Students will be informed about the method, length and scope of the assessment prior to the course. Usually, one of the following options will be chosen: a) written examination (30 to 60 minutes, including multiple choice questions) or b) log (15 to 30 pages) or c) oral examination of one candidate each (30 to 60 minutes) or d) oral examination in groups of up to 3 candidates (30 to 60 minutes) or e) presentation (20 to 45 minutes)

Language of assessment: German and/or English

### Allocation of places

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### Additional information

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### Referred to in LPO I

(examination regulations for teaching-degree programmes)

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### Module appears in

- Master's degree (1 major) Biology (2015)
- Master's degree (1 major) FOKUS Life Science (2015)
- Master's degree (1 major) Biosciences (2016)
- Master's degree Gymnasium MINT Teacher Education PLUS, Elite Network Bavaria (ENB) (2016)
- Supplementary course MINT Teacher Education PLUS, Elite Network Bavaria (ENB) (2016)
- Master's degree (1 major) Biosciences (2017)
- Master's degree (1 major) Biosciences (2018)