**Module title**
Specific Ecology and Ecophysiology of Plants (Practical Course and Seminar 1)

**Abbreviation**
07-MS3PÖF1-102-m01

**Module coordinator**
holder of the Chair of Ecophysiology and Vegetation Ecology

**Module offered by**
Faculty of Biology

**ECTS**
10

**Method of grading**
numerical grade

**Only after succ. compl. of module(s)**
--

**Duration**
1 semester

**Module level**
graduate

**Other prerequisites**
--

---

**Contents**
Under guidance, students will investigate a current problem in ecology/ecophysiology (e.g. plant-insect and plant-fungus interactions, biogeography, characterisation of plant surfaces, cuticular barrier properties). Working concepts and complex experiments will be designed, and the results will be documented and presented in the form of presentations, publications or logs. Students will be involved in ongoing research and will consolidate their skills in the application of advanced methods in ecophysiology, analytical chemistry or molecular biology.

**Intended learning outcomes**
Students have gained knowledge on experimental setups and methods used in the field of plant ecophysiology. They are able to design scientific research, to collect data and to interpret them statistically, adhering to the principles of good scientific practice.

**Courses**
(S + P (no information on SWS (weekly contact hours) and course language available)

**Method of assessment**
(type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)

Students will be informed about the 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 (approx. 10 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 (approx. 30 to 60 minutes) or e) presentation (20 to 45 minutes)

**Allocation of places**
--

---

**Additional information**
--

**Referred to in LPO I**
(examination regulations for teaching-degree programmes)

**Module appears in**
Master's degree (1 major) Biology (2011)
Master's degree (1 major) Biology (2010)
Master's degree (1 major) Biology (2014)