Ecology of plants and animals

Dean of Studies Biologie (Biology)

Faculty of Biology

6 numerical grade

1 semester undergraduate

This module will provide students with an overview of the interactions of plants and animals with their abiotic and biotic environments. The module will focus on the functional adaptation to environmental conditions as well as on the structure and dynamics of populations and ecosystems. Students will be introduced to fundamental model concepts of ecology, will become familiar with examples of research findings and will acquire the fundamental knowledge necessary to develop an understanding of current ecological problems.

Intended learning outcomes

Students are familiar with the fundamental principles of research in the field of ecology and with the most important abiotic and biotic factors that influence the distribution and frequency of occurrence of organisms in their environment. In addition, they understand the scientific relevance ecology has to the assessment of environmental issues.

Courses

This module comprises 2 module components. Information on courses will be listed separately for each module component.

- **07-3A3OE-1T-072: V + Ü** (no information on SWS (weekly contact hours) and course language available)
- **07-3A3OE-2P-072: V + Ü** (no information on SWS (weekly contact hours) and course language available)

Assessment in module component 07-3A3OE-1T-072: Ecology of Animals (Lecture and Practice) Ecology of Animals (Lecture and Practice)

- 3 ECTS, Method of grading: numerical grade
- written examination (45 minutes)

Assessment in module component 07-3A3OE-2P-072: Ecology of Plant (Lecture and Practice) Ecology of Plant (Lecture and Practice)

- 3 ECTS, Method of grading: numerical grade
- written examination (60 minutes)

Allocation of places

Additional information

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

Module appears in

Bachelor' degree (1 major) Biology (2007)
Bachelor' degree (1 major) Mathematics (2008)
Bachelor' degree (1 major) Mathematics (2007)