Module label: Ecology
Module code: lök110
Credit points: 6.0 KP
Workload: 180 h

Used in course of study:
- Master's Programme Landscape Ecology > Basismodule

Module responsibility:
- Michael Kleyer

Authorized examiners:
- Michael Kleyer
- Gerhard Wolfgang Zotz
- Ellen Kiel

Module counseling:
- Gerhard Wolfgang Zotz
- Ellen Kiel

Entry requirements:
Knowledge of phytosociology, zoo-ecology, pedology and ecology, comparable to the corresponding modules of BSc. Environmental Sciences

Skills to be acquired in this module:
Qualification imparted to students:
Upon successful completion of the module the students will gain:
- a thorough knowledge of environmental conditions and biological mechanisms enabling plant species to survive in landscapes
- a thorough knowledge of the eco-physiology of plants in landscapes
- a thorough knowledge of the environmental conditions and biological mechanisms enabling animals to survive in landscapes

Ranking/position of the module within the course of studies:
In the initial phase of the Master programme, this module imparts theories and models of the conditions of survival in plant and animals species as well as of the abiotic/biotic interdependencies in heterogenous landscapes. In combination with other compulsory modules it serves to give students a survey of the special field of Landscape Ecology and to enable them to competently select advanced modules in the following semesters.

Module contents:
- Ecology of plants in landscapes
- Eco-physiology of plants in landscapes
- Ecology of animals in landscapes

Reader's advisory:
Literature will be announced during the course.

Links:
https://www.uni-oldenburg.de/en/landeco/

Language of instruction: German
Duration (semesters): 1 Semester
Module frequency:jährlich
Module capacity: unlimited
Modullevel: MM (Mastermodul)
Modulart: Wahlpflicht

Lern-/Lehrform / Type of program:
Vorkenntnisse / Previous knowledge:

Examination:
- Time of examination: Before the end of the module
- Type of examination:
  a) Written examination (33 %)
  b) Written examination (33 %)
  c) Written examination (33 %)

Course type: Lecture

SWS: 3.00
Frequency
Workload attendance: 42 h