Iök110 - Ecology

Module label: Ecology
Module code: Iök110
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:
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