**Iök110 - Ecology**

**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

**Contact person**
- Module responsibility  
  - Michael Kleyer
- Authorized examiners  
  - Michael Kleyer
  - Gerhard Wolfgang Zotz
  - Ellen Kiel
- Module counseling  
  - Gerhard Wolfgang Zotz
  - Ellen Kiel
  - Michael Kleyer

**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

**Modulart**  
MM (Mastermodul)

**Lern-/Lehrform / Type of program**
Wahlpflicht

**Vorkenntnisse / Previous knowledge**

**Examination**  
Final exam of module

**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