**lök120 - Geoecological Processes**

**Module label**  
Geoecological Processes

**Module code**  
lök120

**Credit points**  
6.0 KP

**Workload**  
180 h

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

**Contact person**  
Module responsibility
- Luise Dorothee Giani

**Authorized examiners**
- Holger Freund
- Luise Dorothee Giani
- Gudrun Massmann

**Entry requirements**  
Upon successful completion of the module the students will gain:
- advanced skills in analysing a landscape unit
- a thorough knowledge of geological, pedological, hydrological, hydrogeological, and botanical relationships within an ecosystem
- a thorough knowledge of the genesis and properties of Northwest German soils
- a thorough knowledge of hydrological and hydrogeological properties of Northwest Germany
- a fundamental knowledge of national and international soil systematics
- the qualification to ecologically record and assess soils (including humus form)
- the ability to perform soil ecological interpretations

**Module contents**  
Landscape unit Spiekeroog (EX/E)  
Special Pedology (L)  
Special Hydrogeology (L)  
Pedological field work (E)

**Reader’s advisory**  
Literature will be announced during the lecture.

**Links**  
Language of instruction  
German

**Duration (semesters)**  
1 Semester

**Module frequency**  
jährlich

**Module capacity**  
30

**Module level**  
MM (Mastermodul / Master module)

**Module type**  
Wahlpflicht / Elective

**Vorkenntnisse / Previous knowledge**

**Examination**  
Time of examination  
Type of examination

**Final exam of module**  
Before the end of the module  
Written examination

**Course type**  
Comment  
SWS  
Frequency  
Workload attendance

Lecture  
2.00  
Frequency  
Workload attendance

Exercises (mit Exkursion)  
2.00  
WiSe  
28 h

**Total time of attendance for the module**  
56 h