Iök120 - Geoeological Processes

Module label: Geoeological Processes
Module code: Iök120
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:

Skills to be acquired in this module:
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
- Modullevel: MM (Mastermodul / Master module)
- Modulart: Wahlpflicht / Elective

Vorkenntnisse / Previous knowledge:

Examination:
Course type: Lecture
Comment: 2.00
Frequency: SWS
Workload attendance: 28 h

Course type: Exercises (mit Exkursion)
Comment: 2.00
Frequency: WiSe
Workload attendance: 28 h

Total time of attendance for the module:
56 h