

Module title		Abbreviation
Soil and Landscape change		09-MBG1-102-m01
Module coordinator		Module offered by
holder of the Professorship of Soil Science		Institute of Geography and Geology
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>The lecture imparts students with knowledge of characteristic landscapes with focus on Central Europe. Thematically, soils, geology, geomorphology and landscape ecology in their interactions play an important role. Within the frame of the course, quaternary research questions are an important element. Besides the areal view, particularly time aspects of the landscape development will be considered. The focus of the lecture will be on the importance of development processes of soils and landscapes and their impact on modern geoecological systems and on humans. Moreover, the importance of development processes, particularly with regard to natural hazards, will be covered for applied issues. Questions about the effects of human intervention and their importance for the landscape change will be discussed.</p>		
Intended learning outcomes		
<p>Students acquire consolidated knowledge by typical examples and contents of current research project in selected natural environment. Subareas of "Physical Geography" like soil, relief, geology and relevant processes in the natural environment should be presented in their interconnectedness. Hence, the focus of the course lies on the learning and recognising of interactions. Scientific findings will be shown by examples of current research and students will be introduced to the respective research state. Next the usage of basic course books, the work with international scientific articles will be very important.</p>		
Courses (type, number of weekly contact hours, language – if other than German)		
V (no information on SWS (weekly contact hours) and course language available)		
Method of assessment (type, scope, language – if other than German, examination offered – if not every semester, information on whether module is creditable for bonus)		
written examination (approx. 45 minutes) Language of assessment: German, English		
Allocation of places		
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Additional information		
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Workload		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Master's degree (1 major) Applied Physical Geography (2013) Master's degree (1 major) Applied Physical Geography (2010)		