

Module title		Abbreviation
Soil and Landscape change		o4-Geo-MBG1-152-mo1
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 module aims to communicate knowledge on characteristic landscape with a main aspect on Central Europe. Topics on the interrelations between soils, geology, geomorphology, and landscape ecology play a major role. Quaternary research requests form an important section in the framework of the course. Beside spatial approaches, landscape formation on chronological scales is further considered. The relevance and the impact of soil and landscape genesis for geoecosystems and human societies are in the centre of interest. Moreover, the relevance of formation processes for applied problems, first of all for natural hazards, is considered. Further requests in the frame of human impact and its consequences to landscape change are discussed.</p>		
Intended learning outcomes		
<p>The students gain profound knowledge in form of case studies related to present research projects in selected landscapes. Learning and recognition of interrelations are in the center of competences. On the base of scientific results students have state-of-the-art understanding for research examples. Beside knowledge on text books, study of international scientific literature is obligatory.</p>		
Courses (type, number of weekly contact hours, language — if other than German)		
<p>V (2) Module taught in: German and/or English</p>		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>written examination (approx. 45 minutes) Language of assessment: German and/or English Assessment offered: Once a year, winter semester</p>		
Allocation of places		
<p>40 places. Should the number of applications exceed the number of available places, places will be allocated according to the number of subject semesters. Among applicants with the same number of subject semesters, places will be allocated by lot. A waiting list will be maintained and places re-allocated by lot as they become available.</p>		
Additional information		
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Workload		
150 h		
Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
<p>Master's degree (1 major) Applied Physical Geography (2015) Master's degree (1 major) Applied Physical Geography (2016)</p>		