Module title: Soil and Landscape change

Abbreviation: 04-Geo-MBG1-152-m01

Module coordinator: holder of the Professorship of Soil Science

Module offered by: Institute of Geography and Geology

ECTS: 5

Method of grading: numerical grade

Only after succ. compl. of module(s): --

Duration: 1 semester

Module level: graduate

Other prerequisites: --

Contents:
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 geocosystems 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.

Intended learning outcomes:
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.

Courses:

(type, number of weekly contact hours, language — if other than German)

V (2)

Module taught in: German and/or English

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)
Assessment offered: Once a year, winter semester
Language of assessment: German and/or English

Allocation of places:

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.

Additional information:

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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 (2015)
Master's degree (1 major) Applied Physical Geography (2016)