

<b>Module title</b>		<b>Abbreviation</b>
Soil geography: Lab-analytical and microscopical training course		04-Geo-MBG2-152-m01
<b>Module coordinator</b>		<b>Module offered by</b>
holder of the Professorship of Soil Science		Institute of Geography and Geology
<b>ECTS</b>	<b>Method of grading</b>	<b>Only after succ. compl. of module(s)</b>
5	numerical grade	--
<b>Duration</b>	<b>Module level</b>	<b>Other prerequisites</b>
1 semester	graduate	--
<b>Contents</b>		
<p>The practice transfers knowledge on basic and advanced analyses in the laboratory and at the microscope. Soils and Quaternary sediments are in the centre of own investigations. Selected samples are investigated by sedimentological and pedochemical analyses in the laboratory. Furthermore, microscopic methods related to heavy mineral analyses and micromorphology can be learned. Data from field and lab analyses are merged together independently by the students at the end of the practice.</p>		
<b>Intended learning outcomes</b>		
<p>Students learn different methods of laboratory and microscopic works. Applied requests in Physical Geography as well as their transfer and assessment in form of a project report are in the centre of interest. Students develop competences in the application of methods related to job practice and are able to deal with current problems self-dependent.</p>		
<b>Courses</b> (type, number of weekly contact hours, language – if other than German)		
Ü (2) Module taught in: German and/or English		
<b>Method of assessment</b> (type, scope, language – if other than German, examination offered – if not every semester, information on whether module is creditable for bonus)		
<p>talk (approx. 30 minutes) and term paper (approx. 10 pages)            Assessment offered: Once a year, summer semester            Language of assessment: German and/or English</p>		
<b>Allocation of places</b>		
<p>15 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>		
<b>Additional information</b>		
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<b>Workload</b>		
150 h		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
<p>Master's degree (1 major) Applied Physical Geography (2015)            Master's degree (1 major) Applied Physical Geography (2016)</p>		