

<b>Module title</b>		<b>Abbreviation</b>
Mineral exploration methods		04-Geo-MLG2-152-m01
<b>Module coordinator</b>		<b>Module offered by</b>
holder of the Professorship of Geodynamics and Geomaterials Research		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>		
Students will be provided with essential geological, geochemical and geophysical methods for the discovery of new mineral deposits, integrated in a global context. Thus, the main focus will be on the practical application and usability in diverse stages of exploration.		
<b>Intended learning outcomes</b>		
Students acquire state-of-the-art basics of common, modern methods for exploration and evaluation of new mineral deposits. The basics range from consolidated understanding of structural geological contexts and geochemical hints up to basically geophysical methods for an improved characterisation and limitation of economically relevant mineral deposits		
<b>Courses</b> (type, number of weekly contact hours, language – if other than German)		
V (1) + Ü (1) 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)		
a) term paper (10 to 15 pages) or b) oral examination of one candidate each or oral examination in groups (approx. 30 minutes per candidate each) Assessment offered: Once a year, summer semester Language of assessment: German and/or English		
<b>Allocation of places</b>		
25 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.		
<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>		
Master's degree (1 major) Applied Physical Geography (2015) Master's degree (1 major) Applied Physical Geography (2016)		