

<b>Module title</b>		<b>Abbreviation</b>
Mineral exploration methods		09-MLG2-102-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>		
According to the state of research, students acquire respective basics of common, modern methods for the exploration and assessment of 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)		
Ü (no information on SWS (weekly contact hours) and course language available)		
<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)		
term paper (approx. 10 to 15 pages) or oral examination of one candidate each or oral examination in groups (approx. 30 minutes per candidate each) Language of assessment: German, English		
<b>Allocation of places</b>		
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<b>Additional information</b>		
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<b>Workload</b>		
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<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 (2010)		