Module title: Mineral exploration methods
Abbreviation: 09-MLG2-131-m01

Module coordinator: holder of the Professorship of Geodynamics and Geomaterials Research
Module offered by: Institute of Geography and Geology

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<th>ECTS</th>
<th>Method of grading</th>
<th>Only after succ. compl. of module(s)</th>
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<td>5</td>
<td>numerical grade</td>
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Duration: 1 semester
Module level: graduate
Other prerequisites: --

Contents
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.

Intended learning outcomes
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.

Courses
(No information on SWS (weekly contact hours) and course language available)

Method of assessment
(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

Allocation of places
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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 (2013)