

<b>Module title</b>		<b>Abbreviation</b>
Regional Monitoring		09-HG-MSc-Meth1-102-m01
<b>Module coordinator</b>		<b>Module offered by</b>
holder of the Chair of Geography and Regional Science		Institute of Geography and Geology
<b>ECTS</b>	<b>Method of grading</b>	<b>Only after succ. compl. of module(s)</b>
10	numerical grade	--
<b>Duration</b>	<b>Module level</b>	<b>Other prerequisites</b>
1 semester	graduate	--
<b>Contents</b>		
<p>Remote sensing acquisition of land surface and characterisation as well as quantification of relevant state variables (including vegetation and soil parameters, sealing degrees). Landscape analysis (e.g. location relation, fragmentation of landscape features, urban structures), evaluation approaches and monitoring methods. Geographical and geospatial information from the area of "Applied Geography" will be organised and visualised by means of Cartography Systems or GIS (e.g. with the help of thematised maps as communication tool) as well as analysed (including geographical screening and intersection, determination of locations and commuting areas).</p>		
<b>Intended learning outcomes</b>		
<p>Skills of methodological acquisition and content-related assessment of parameters of the land surface against the background of different geographical application cases will be covered in this course. Due to the kind and complexity of issues, the interdisciplinary work will be encouraged. Moreover, students are provided with content-related and technical skills in the data organisation and data analysis as well as cartographic presentation of analysis findings.</p>		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
<p>This module comprises 2 module components. Information on courses will be listed separately for each module component.</p> <ul style="list-style-type: none"> <li>• 09-RELA1-1-102: Ü (no information on SWS (weekly contact hours) and course language available)</li> <li>• 09-HG-MSc-Meth1-2-102: S (no information on SWS (weekly contact hours) and course language available)</li> </ul>		
<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>Assessment in this module comprises the assessments in the individual module components as specified below. Unless stated otherwise, successful completion of the module will require successful completion of all individual assessments.</p> <p><b>Assessment in module component 09-RELA1-1-102:</b> Remote Sensing of land surface parameters</p> <ul style="list-style-type: none"> <li>• 5 ECTS, Method of grading: numerical grade</li> <li>• project report (approx. 20 pages) or poster</li> <li>• Language of assessment: German, English</li> </ul> <p><b>Assessment in module component 09-HG-MSc-Meth1-2-102:</b> Remote sensing of land surface parameters</p> <ul style="list-style-type: none"> <li>• 5 ECTS, Method of grading: numerical grade</li> <li>• 5 exercises (approx. 20 pages)</li> </ul>		
<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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**Module appears in**

Master's degree (1 major) Applied Human Geography (2010)