

<b>Module title</b>		<b>Abbreviation</b>
Urban Remote Sensing		04-GEO-RE4-212-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>		
Urban space as human living space is discussed and urban spaces are characterized. The special surface properties in the settlement area as well as their representation in satellite image data are learned. The classification of settlement areas and their surrounding areas are practiced.		
<b>Intended learning outcomes</b>		
The students learn remote sensing methods that are particularly relevant for the characterization of urban spaces. You will be able to select and use suitable image data for processing urban issues in remote sensing.		
<b>Courses</b> (type, number of weekly contact hours, language – if other than German)		
S (2) Module taught in: 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) presentation (approx. 30 minutes) or b) preparing a poster (approx. 10 hours total) or c) written examination (approx. 45 minutes) Assessment offered: Once a year, winter semester Language of assessment: English or German (assessment will be held in English; in addition, the examiner may, where possible, decide to hold assessment in German)		
<b>Allocation of places</b>		
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<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 Earth Observation and Geoanalysis (EAGLE) (2021)		