

Module title		Abbreviation
Special Methodological Issues		04-GEO-MET3-162-m01
Module coordinator		Module offered by
holder of the Professorship of Remote Sensing		Institute of Geography and Geology
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>One special remote sensing or geoinformatics method is covered in more detail. Special courses could cover contents such as utilizing data of passive (e.g. multi-spectral, hyper-spectral, thermal) or active (e.g. SAR, LIDAR) sensors in order to provide further details for application in geography, geology, ecology or other disciplines. Moreover, detailed courses on statistics and geostatistics as well as environmental modeling could be offered. Additionally, courses on specific research questions in geographic, geological, ecological or other disciplines related to Earth Observation can be offered.</p>		
Intended learning outcomes		
<p>The module enables the students to improve their technical skills in remote sensing and applied geoinformatics using one out of numerous different special methods.</p>		
Courses (type, number of weekly contact hours, language – if other than German)		
<p>S (1) + Ü (1) Module taught in: English</p>		
Method of assessment (type, scope, language – if other than German, examination offered – if not every semester, information on whether module is creditable for bonus)		
<p>a) presentation (approx. 30 minutes) or b) preparing a poster (approx. 10 hours total) or c) term paper (approx. 15 pages) Assessment offered: Once a year, summer 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) creditable for bonus</p>		
Allocation of places		
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Additional information		
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Workload		
150 h		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
<p>Master's degree (1 major) Applied Earth Observation and Geoanalysis (EAGLE) (2016) Master's degree (1 major) Applied Earth Observation and Geoanalysis (EAGLE) (2018)</p>		