

Module title		Abbreviation
Multi-Temporal Earth Observation		04-GEO-APP10-212-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		
Possibilities, limitations and challenges for time series remote sensing analyses are presented and discussed. The availability of time-series data sets and their possible uses are discussed. Platforms for processing spatio-temporal data are introduced and time-series analyses are carried out.		
Intended learning outcomes		
Participants will gain a detailed and comprehensive overview and understanding of the possibilities and limitations of time-series analyses. In addition, the students are given tools to carry out time-series analyses by themselves.		
Courses (type, number of weekly contact hours, language – if other than German)		
S (1) + Ü (1) Module taught in: English		
Method of assessment (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) 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		
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		
Master's degree (1 major) Applied Earth Observation and Geoanalysis (EAGLE) (2021)		