

<b>Module title</b>		<b>Abbreviation</b>
Scientific Graphs		04-GEO-SOS7-242-m01
<b>Module coordinator</b>		<b>Module offered by</b>
holder of the Professorship of Remote Sensing		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>		
Existing graphs and figures will be discussed and evaluated with regard to visual appearance. Moreover content and message of graphs will be discussed and guidelines provided. Individual training of graph creation will be part of it as well. Relevant software methods will be introduced (e.g ggplot, shiny).		
<b>Intended learning outcomes</b>		
Figures and graphs will be discussed with regard to its scientific content and goal to ensure high quality graphs.		
<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) term paper (approx. 15 pages) 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>Teaching cycle</b>		
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<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) (2024)		