

Module title		Abbreviation
Methods and applications in Remote Sensing		09-BFB1-102-m01
Module coordinator		Module offered by
holder of the Chair of Remote Sensing		Institute of Geography and Geology
ECTS	Method of grading	Only after succ. compl. of module(s)
10	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	undergraduate	--
Contents		
Methods of remote sensing data analysis, remote sensing concerning resource management, remote sensing concerning the biodiversity research, remote sensing of urban spaces.		
Intended learning outcomes		
Students possess the following skills: Theoretical basics of current methods from the remote sensing data analysis, in-depth technical knowledge of methodological implementing of remote sensing research approaches in the resource management, e.g. in hydrology, agriculture, biodiversity research and urban spaces.		
Courses (type, number of weekly contact hours, language – if other than German)		
This module comprises 2 module components. Information on courses will be listed separately for each module component. <ul style="list-style-type: none"> • 09-BFB1-1-072: S + T (no information on SWS (weekly contact hours) and course language available) • 09-BFB1-2-102: S + T (no information on SWS (weekly contact hours) and course language available) 		
Method of assessment (type, scope, language – if other than German, examination offered – if not every semester, information on whether module is creditable for bonus)		
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>Assessment in module component 09-BFB1-1-072: Methods for Analysing Remote Sensing Data Methods for Analysing Remote Sensing Data</p> <ul style="list-style-type: none"> • 5 ECTS, Method of grading: numerical grade • presentation (45 minutes) with written elaboration (15 pages), weighted 1:1 <p>Assessment in module component 09-BFB1-2-102: Remote Sensing in Resource Management Remote Sensing in Resource Management</p> <ul style="list-style-type: none"> • 5 ECTS, Method of grading: numerical grade • presentation (approx. 45 minutes) with written elaboration (approx. 15 pages), weighted 1:1 		
Allocation of places		
--		
Additional information		
--		
Workload		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
--		
Module appears in		
Bachelor' degree (1 major) Geography (2010)		