

Module title		Abbreviation
Methods of Analyses and Modelling		o4-Geo-AmM-152-mo1
Module coordinator		Module offered by
holder of the Professorship of Geography and Regional Science		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		
The module covers essential methodological elements of "Applied Geography" with the help of qualified processes and techniques of regional analysis and process modelling. In this module will be presented advanced methods and techniques concerning the analysis and modelling of quantitative data with the help of case studies and possibilities of their planning-related application will be discussed, too.		
Intended learning outcomes		
Students achieve consolidated, theoretical substantiated methodical skills of the analysis and modelling of geospatial data.		
Courses (type, number of weekly contact hours, language — if other than German)		
S (2) Module taught in: German and/or 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) exercises (approx. 20 pages) or b) presentation (approx. 30 minutes) and term paper (approx. 15 pages) or c) written examination (approx. 45 minutes) Language of assessment: German and/or English Assessment offered: Once a year, winter semester		
Allocation of places		
20 places. Should the number of applications exceed the number of available places, places will be allocated according to the number of subject semesters. Among applicants with the same number of subject semesters, places will be allocated by lot. A waiting list will be maintained and places re-allocated by lot as they become available.		
Additional information		
--		
Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
--		
Module appears in		
Master's degree (1 major) Applied Human Geography (2015) Master's degree (1 major) Applied Human Geography (2017) Master's degree (1 major) Applied Human Geography (2025)		