

Aufbau - Masterstudium „Angewandte Geoinformatik“:

Module / Lehrveranstaltungen	SSt		ECTS	Semester			
				I	II	III	IV
856M11 – Propedeutics and Electives							
Subjects recommended in orientation interview. Electives, from [856M13] or alternatives set by CK Short Intensive Programs („Summer Schools“)			15	10	5		
Orientation and Introduction	1	UE	1	1			
Scientific Methods and Writing	1	UE	2	2			
Total			18				
856M12 – GIScience: Theory and Research Methods							
Lectures in GIScience	1	VO KO	2		2		
GIScience: Theory and Concepts	2	SE	4			4	
Total	4		6				
856M13 – Methods in Geoinformatics (select 3)							
Advanced Remote Sensing	4	UE	6	6			
Multivariate / Spatial Statistics	4	UE	6		6		
Geostatistics	4	UE	6				6
Geovisualization and Advanced Cartography	4	UE	6				
Geodata Acquisition	4	UE	6				
Geosimulation / Spatial Simulation	4	UE	6				
Location Based Systems and Services	4	UE	6				
<i>Additional options identified by CK</i>	4	UE	6				
Total	12		18				
856M14 – Spatial Analysis and Modelling							
Methods in Spatial Analysis	2	UE	2	2			
Analysis and Modeling	2	SE	4		4		
Total	4		6				
856M15 – Geo-Application Development							
Basics of Software Development	4	VO+UE	6	6			
Application Development (web mobile other)	3	IP	6		6		
Total	7		12				
856M16 – Spatial Data Infrastructures							
Design of Geospatial Data Models	2	VO	3	3			
OpenGIS: Standards, Architectures and Services	2	VO	3		3		
SDI Services Implementation	3	IP	6			6	
Total	7		12				
856M17 - I3: Interdisciplinary/Integrated/Interactive Project							
Project (topics vary)	6	IP	10			10	
Total			10				
Internship							
Total			12		4	8	
Internship							
Portfolio		UE	1				1

Master Exam				1				1
Master Thesis				24			2	22
Total				26				
					30	30	30	30
Grand Total				120				