

**Geography MSc / Geoinformatics v1.1 2010.04.21.**

	Exam	Lecture	First year				Second year			
			1st semester		2nd semester		3rd semester		4th semester	
			L/P	credits	L/P	credits	L/P	credits	L/P	credits
Research methods in Geography	E	L	2+0	2						
Research methods in Geography	P	P	0+4	3						
Geoinformatics	E	L	2+2	3						
Geomatematics	E	L	2+0	2						
Geomatematics	P	P	0+2	2						
Globalization	E	L	3+0	3						
Environmental Geography	E	L	3+0	3						
Environment	E	L	3+0	3						
Environment	P	P	0+3	3						
Settlements and regional analysis	E	L	3+0	3						
Policy, space and society	E	L			3+0	3				
Modelling and simulation	E	L			4+0	3				
Databases, data integration	E				2+1	3				
Geostatistics	E				2+0	2				
Visual programming	P				1+2	3				
Field data collection (surveying)	E				2+2	3				
Digital elevation modelling	P				2+1	3				
Spatial data models	P				1+2	2				
Spatial analysis	E						2+2	3		
Digital cartography	E						1+2	3		
Web application development	E						1+1	2		
Digital photogrammetry	E						2+2	3		
Remote sensing applications	P						1+2	2		
GIS application development	E								1+2	2
Geoinformation management	E								2+1	2
Spatial data quality	E								2+0	2
Field work					1 hét	4				
Thesis I.		P						15		
Thesis II.		P								15
Work-based learning									3 hét	8
				2		4		2		2
*Surveying systems	P		2+1							
*Photogrammetry	E				2+1					
*Remote sensing	E				2+1					
Spatial data infrastructure	E				2+0					
Mobile GIS applications	E						1+1			
City and regional planning	E						2+1			
Open GIS	E								1+1	
GIS applications	P				1+2					
Laserscanning	v						1+1			
Web cartography	P								1+1	
Environmental and Nature protection	E				2+0					
**Physical geography			2+0							
total credits/semester ; number of exams				29		30		30		31
total credits										120

\* non-surveying BSc compulsory

\*\* non-geography BSc compulsory