

Code	TITLE	ECTS	exam type	Semester	hour/semester					Instructor-in-charge	Prerequisite
					lecture	practice	seminar	laboratory	field trip		
Obligatory courses											
MNGEINF1101	Advanced hardware and software	4	Mark	1		39				Bugya Titusz	
MNGEO03	Research Methodology	3	Mark	1			26			Trócsányi András	
MNGEO09	Geomatematics	3	Mark	1		26				Sarkadi Noémi	
MNGEOA15	History and Schools of the Geographical Science	2	Oral	1	26					Pap Norbert	
MNGEO9801	Development of cultural landscapes, landscape ecology and evaluation	4	Oral	1	39					Szabó Géza	
MNGEOB21	Geographical Approach of the Regional Development	4	Mark	1			39			Reményi Péter	
ONFOLAK1-0501	Regional Geography of the Continents I.	6	Oral	1	26		26			Wilhelm Zoltán	
MNGEO22	Political Geography	4	Oral	1	26		26			Pap Norbert	
MNFOTN0501	Modelling and simulations in Earth Sciences	3	Mark	2		26				Pirkhoffer Ervin	
MNGEOA17	Space–Society–Sustainability	2	Mark	2			26			Pirisi Gábor	
ONFOLAK1-0502	Regional Geography of the Continents II.	6	Oral	2	26		26			Trócsányi András	
MNGEO10001	Internship	5	Mark	2					240	Tésits Róbert	
MNGEOA1801	Thesis consultation I	10	Mark	3			13			Trócsányi András	Research Methodology
MNGEOA1802	Thesis consultation II	20	Mark	4			13			Trócsányi András	Thesis consultation I
Geoinformatics specialization											
MNGEINF2001	Advanced GIS Software	3	Mark	2		39				Bugya Titusz	
MNGEINF04001	Application of CAD systems in Earth sciences practice I.	5	Mark	2		39				Kiss Kinga	
MNFOTN3001	Earth observation systems I.	4	Mark	2		39				Kovács Dániel Márton	
MNGEINF0301	Spatial databases	6	Oral	3	52	52				Farkas Gábor	
MNGEINF1501	Data sources, digitalisation, data integration	3	Mark	3		26				Gyenizse Péter	
MNGEOA8901	3D visualization	5	Oral	3	39					Gyenizse Péter	
MNGEOA82	WebGIS	6	Mark	4		52				Farkas Gábor	
MNGEINF1701	Introduction to AI	3	Oral	4	26					Halmai Ákos	
MNGEINF0801	Fieldwork	3	Mark	4					24	Kiss Kinga	
Geomorphology specialization											
MNFOTNA0401	Soil science	3	Oral	3	26					Czigány Szabolcs	
MNFOTNA0601	GIS Database Modeling	2	Mark	3		26				Bugya Titusz	
MNFOTNA1101	Applied Geomorphological Mapping	4	Mark	3		26			8	Fábián Szabolcs Ákos	
MNGEO9201	Engineering and Anthropogenic Geomorphology	3	Mark	4			26			Fábián Szabolcs Ákos	
MNGEOA48	Quaternary Research	3	Oral	3	26					Fábián Szabolcs Ákos	
MNFOTN1302	Geologic process modelling	5	Mark	2		52				Pirkhoffer Ervin	
MNGEO9301	Fieldwork in Geomorphology	4	Mark	2		13			40	Czigány Szabolcs	
MNGEOB5001	Geomorphic Systems	4	Oral	4	39					Lóczy Dénes	
MNFOTN3001	Earth observation systems I.	4	Mark	4	39					Kovács Dániel Márton	
MNGEO9401	Stratigraphy	3	Oral	2	26					Budai Tamás	
MNGEOB46	Research Methods in Geomorphology	3	Mark	2		26				Kovács János	
Elective courses (6 credits to be completed)											
	Elective courses	6		3							