

TITLE	ECTS	exam type	Semester	hour/semester					Instructor-in-charge	Prerequisite
				lecture	practice	seminar	laboratory	field trip		
total credit (6 semester)	180									
total credit - 1. semester	30		1							
total credit - 2. semester	31		2							
total credit - 3. semester	29		3							
total credit - 4. semester	32		4							
total credit - 5. semester	29		5							
total credit - 6. semester	29		6							
Obligatory courses										
Introduction to Office-related applications	3	Mark	1		39				Bugya Titusz	
Geomathematics and geostatistics	4	Mark	1		39				Sarkadi Noémi	
Introduction to Geology	3	Oral	1	26					Kovács János	
Introduction to Geology	2	Mark	1		26				Farics Éva	
Chemistry basics I	2	Oral	1	26					Pongrácz Péter Tibor	
Physics basics	2	Oral	1	26					Erostyák János	
Biology basics	2	Oral	1	26					Purger Jenő	
Introduction to Astronomy	2	Oral	1	26					Gyenizse Péter	
Introduction to GIS I.	4	Mark	1	6	39				Víg Balázs	
Historical geology and paleontology	3	Oral	1	26					Vallner Zsolt	
Mathematical methods in earth sciences	4	Mark	2		39				Sarkadi Noémi	
Chemistry basics II.	2	Oral	2	26					Pongrácz Péter Tibor	Chemistry basics I
Chemistry basics	2	Mark	2				26		Horváth Attila	Chemistry basics I
Geomorphology	4	Oral	2	13	26			8	Varga Gábor	
Physical geology	3	Oral	2	26					Kovács János	
Meteorology and climatology	3	Oral	2	26					Sarkadi Noémi	
Remote sensing	3	Mark	2		26				Kovács Dániel Márton	
Introduction to GIS II.	4	Mark	2		39				Víg Balázs	
Mineralogy	3	Oral	2	26					Németh Tibor	
Mineralogy	3	Mark	2		26				Németh Tibor	
Introduction to pedology	4	Mark	3	13			26	4	Czigány Szabolcs	
Introduction to hydrology and hydrogeology	3	Mark	3				26		Farics Éva	
Introduction to hydrology and hydrogeology	3	Oral	3	26					Czigány Szabolcs	
Field work	4	Mark	3					32	Vallner Zsolt	
Structural geology	6	Oral	3	26	26				Vallner Zsolt	
Introduction to Geophysics	3	Oral	3	26					Szűcs István	
Paleontology	3	Oral	3	26					Kovács János	
Paleontology	3	Mark	3		26				Kovács János	
Field measurements, documentation and geological mapping	6	Mark	4		26			40	Vallner Fanni	
Analytical techniques in geology	3	Mark	4		26				Németh Tibor	
Earth sciences field camp	3	Mark	4					24	Vallner Zsolt	
Petrographic microscopy	4	Mark	4		39				Farics Éva	
Igneous and metamorphic petrology	3	Mark	4		26				Farics Éva	
Climatology	3	Oral	4	26					Sarkadi Noémi	
Earth history	3	Oral	4	26					Vallner Zsolt	
Stratigraphy	3	Oral	4	26					Vallner Zsolt	
Sedimentary petrology	4	Mark	4		39				Kovács János	

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Geology of energy resources	4	Oral	5	39					Kovács János	
Geochemistry	3	Oral	5	26					Kovács János	
Design and evaluation of exploration drilling	3	Mark	5		26				Keresztény-Borbás Eszter	
Introduction to ArcGIS	4	Mark	5		39				Pirkhoffer Ervin	
Data acquisition methods	4	Mark	5		26				Kovács Dániel Márton	
Geology of Hungary	6	Oral	5	26	26				Farics Éva	
Geology of the Alpine-Carpathian-Dinaridic system	3	Mark	6			26			Vallner Zsolt	
Economic geology	3	Oral	6	26					Németh Tibor	
Engineering geology	3	Oral	6	26					Keresztény-Borbás Eszter	
Environmental geology	3	Mark	6		26				Németh Tibor	
Internship	6	Mark	6					0	Kovács János	
Thesis consultation I	5	Mark	5			13			Geresdi István	
Thesis consultation II	5	Mark	6			13			Geresdi István	Thesis consultation I
Elective courses (9 credits to be completed)										
Elective courses	3		1							
Elective courses	6		6							