

CURRICULUM
MASTER'S DEGREE IN ENGINEERING GEOLOGY

Year	Semester	№	Course unit code	Full name of the course unit (course projects, practical trainings)	Form of control	Teaching hours/week		Total	Credits
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First	I	1	152113	Engineering Geological Fundamentals for Seismic Microzoning	Exam	4	2	6	5.7
		2	152114	Slopes Stability	Exam	3	2	5	4.8
		3	232113	Building Materials and Structures	Exam	4	3	7	6.7
		4	152115	Soil Melioration	Exam	4	3	7	6.7
		Total for the 1st semester					15	10	25
	II	5	152115	Modelling in Engineering Geology	Exam	3	3	6	5.7
		6	151117	Engineering Geological Monitoring	Exam	3	2	5	4.8
		7	152118	Design of Antisliding Structures	Exam	3	3	6	5.7
		8	152119	Foundations	Exam	3	2	5	4.8
		Total for the 2nd semester					12	10	22
Total for the 1st year					27	20	47	45	
Additional courses for students from other courses of study and higher schools (UMG, SU, UACG and others.)*									
Second	A. REQUIRED								
		9	152102	Soil science	Exam	4	3	7	9,0
		10	152104	Engineering geodynamics	Exam	4	4	8	9,0
		11	152106	Engineering geological explorations	Exam	3	4	7	7,0
		12	152109	Regional Engineering Geology	Exam	3	3	6	5,0
		13	152108	Engineering geoecology	Exam	3	2	5	5,0
	B. ELECTIVE								
		14	122219	Geology - selected chapters (for students with engineering background)	Exam	3	2	5	6,4
		15	152207	Geotechnology - selected chapters (for students with geological background)	Exam	3	3	6	6,0
	III	Pre-diploma internship - 21 days							
Diploma Thesis, Seminar and Defence of the Diploma thesis - 15 weeks									
Credits for defence of the thesis									15
Total credits for the full course of study									60

NOTICE: Every semester consists of 15 weeks.

(*) - Education in individual plan