

1st year

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Course	Hours					ECTS
	L	S	P	O	Σ	
1st semester	210	25	200	15	450	30
Mineral resource processing	45	0	45	0	90	6
• Dissertation	45	10	35	0	90	6
• Surveying in geoscience	45	0	45	0	90	6
• Machines and equipment in geotechnolgy	45	0	45	0	90	6
• Special blasting and drilling works	30	15	30	15	90	6
2nd semester	150	40	140	0	450	30
• Environmental engineering	60	20	40	0	120	8
• Geothermal energy	45	0	45	0	90	6
• Tunnel construction and risk assessment	45	20	55	0	120	8
• Practical training	0	0	0	0	60	4
• Optional subject	0	0	0	0	60	4
TOTAL	360	65	340	15	900	60

Abbreviations used for the syllabus:

- L – lectures
- S – seminar
- P – practice
- O – other forms of educational activities (mainly project work)
- ECTS – European Credits Transfer System (1 credit point equals a 30-hour student workload)



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