

3rd year

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Course	Hours					ECTS
	L	S	P	O	Σ	
5th semester	240	0	195	0	435	30
Engineering geology and hydrogeology	45	0	45	0	90	6
Deep drilling I	30	0	30	0	60	4
Technical mining I	60	0	15	0	75	6
Foundation of structures	45	0	45	0	90	6
Modelling and simulations	30	0	30	0	60	4
Technical optional subject I	30	0	30	0	60	4
6th semester	195	30	120	90	435	30
Deep drilling II	30	0	15	0	45	3
Ore dressing and recycling	45	15	15	0	75	6
Rock mechanics	45	15	30	0	90	6
Surveying in geotechnology and mining I	30	0	15	0	45	3
Technical optional subject II	45	0	45	0	90	6
Diploma thesis	0	0	0	90	90	6
TOTAL	435	30	315	90	870	60

Optional courses	Hours					ECTS
	L	S	P	O	Σ	
Geotechnical constructions	45	15	30	0	90	6
Technical English language	0	15	30	0	45	4
Construction materials	30	0	30	0	60	4
Applied geophysics	45	0	45	0	90	6
Practical training II	0	0	0	120	120	6
Fluids in geotechnology	30	0	30	0	60	4

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 or 20 hours of practice)

Grey – Grey written courses are not carried out in this academic year

In the 5th semester, four credit points are intended for technical subjects from the list, and in the 6th semester, the number of credits for the subjects from the same list is 6 credit points.