

14	Probability Theory and Mathematical Statistics	MNIMFA214							2	2		2	E	5
15	Numerical Analysis	MNIMFA215												
16	Material Technology	MNIMDA216							2		1	3	E	3
17	Material Study	MNIMDA217												
TOTAL A:			1	1	0	2	1C	3	4	2	1	5	2E	8
			2						7					
TOTAL O + A:			11	8	6	14	4E+4C	30	10	7	8	14	4E+4C	30
			25						25					

Physical Education - credits over total of 60

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2nd Year of study

No	SUBJECTS	Subject cod	3rd Semester (14 weeks)					4th Semester (14 weeks)						
			C	S	L/P	PI	Examination Form	ECTS	C	S	L/P	PI	Examination Form	ECTS
A. COMPULSORY SUBJECTS (O)														
1	Material Strength	MNIMDO301	2		2	2	E	6						
2	Electrotechnics and Electrical Machines	MNIMDO302	2		2	2	E	4						
3	Heat Engineering and Heat Machines	MNIMDO303	2		2	2	E	4						
4	Geology	MNIMDO304	2		2	2	C	4						
5	General Hydraulics	MNIMDO305	2		2	2	C	4						
6	Mineralogy and Petrology	MNIMDO306	2		2	2	E	5						
7	Foreign Languages III	MNIMCO307		2		2	C	3						
8	Physical Education III	MNIMCO308		1			A/R	1						
9	Surveying	MNIMDO409							2		2	2	E	4
10	Economical Geology	MNIMDO410							2		1	2	E	4
11	Prospecting and Exploration	MNIMDO411							3		2	2	E	4
12	Rock Mechanics	MNIMDO412							2		2	2	E	4
13	Industrial Explosives	MNIMDO413							2		2	2	C	3
14	Machine Elements	MNIMDO414							2		1	2	C	3
15	Physical Education IV	MNIMCO415								1			A/R	1
18	Training	MNIMDO418									120		C	5
TOTAL O:			12	3	12	14	4E+4C	30	13	1	10	12	4E+4C	27
			27						24					
B. OPTIONAL SUBJECTS (choice) (A)														
16	Underground Hydraulics	MNIMDA416							2		1	2	C	3

17	Fluid Mechanics	MNIMDA417												
TOTAL A:			0	0	0	0		0	2	0	1	2	1C	3
			0						3					
TOTAL O + A:			12	3	12	14	4E+4C	30	15	1	11	14	4E+5C	30
			27						27					

Physical Education - credits over total of 60

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3rd Year of study

No	SUBJECTS	Subject cod	5th Semester (14 weeks)					6th Semester (14 weeks)							
			C	S	L/P	PI	Examination Form	ECTS	C	S	L/P	PI	Examination Form	ECTS	
A. COMPULSORY SUBJECTS (O)															
1	Underground Mining Constructions	MNIMSO501	2		2	3	E	4							
2	Rock Mechanics	MNIMDO502	2		1	2	E	4							
3	Geostatistics and Deposit Evaluation	MNIMSO503	2		1		C	3							
4	Techniques and Technologies for Processing of Mineral Resources	MNIMSO504	3		1	2	E	4							
5	Surveying	MNIMSO505	2		2	2	E	5							
6	Surface Mining I	MNIMSO506	3		2	3	E	6							
7	Mining Transport and Installation	MNIMSO507	2		1	2	C	4							
8	Surface Mining II	MNIMSO608							3		2	3	E	5	
9	Underground Mining I	MNIMSO609							3		3	3	E	6	
10	Mining Machines	MNIMSO610							2		2	2	E	4	
11	Underground Mining Constructions	MNIMSO611									2	2	C	2	
12	Mine Ventilation	MNIMSO612							2		2	2	E	4	
13	Aquifers dewatering	MNIMSO613							3		2	2	E	5	
14	Training	MNIMDO614									120		C	4	
TOTAL O:			16	0	10	14	5E+2C	30	13	0	13	14	5E+2C	30	
			26						26						
B. OPTIONAL SUBJECTS (choice) (A)															
C. FACULTATIVE SUBJECTS (FREE CHOSEN) (L)															
15	Geodesic Tools and Measurement Methods	MNIMSF515	2		2	2	E	5							

16	Theory of Errors	MNIMSF516	2		2	3	E	6						
17	Geodesy I	MNIMSF617							2		2	2	E	4
18	Engineering Surveying I	MNIMSF618							2		2	2	E	5

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14	Optimization of Mining Methods and Technologies	MNIMSA814							2		3	2	E	4
15	Mining Sites and Mine Yard	MNIMSA815												
16	Stability of Mounds and Slopes	MNIMSA816							3		2	3	E	4
17	Risk Assessment in the Mining Industry	MNIMSA817												
TOTAL A:			4	2	0	4	1E+1C	6	5	0	5	5	2E	8
			6						10					
TOTAL O + A:			14	6	6	14	4E+3C	30	13	2	13	14	4E+3C	30
			26						28					
C. FACULTATIVE SUBJECTS (FREE CHOSEN) (L)														
20	Engineering Surveying II	MNIMSF720	2		2	2	E	5						
21	Cadastré I	MNIMSF721	2		2	2	C	5						
22	Cadastré II	MNIMSF822							2		2	2	E	5
23	Area Management and Systematization	MNIMSF823							2		1	2	E	5

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