

Table 5.2. Study program: Mining engineering

Course schedule by semesters and years of study

Number	Code	Subject name	Semester	The number of classes	ECTS
FIRST YEAR					
1.	DIM1MNIRR	Methodology of Scientific Research	I	6+4	15
2.	<i>Elective subject 1:</i>		I	6+4	15
2.1.	DRI1NMG	<i>Numerical methods in geomechanics</i>			
2.2.	DRITPUKS	<i>Theoretical principles of comminution and classification</i>			
2.3.	DRI1MMMAM	<i>Micronization, mechanical and mechanochemical activation of minerals</i>			
3.	<i>Elective subject 2:</i>		II	6+4	15
3.1.	DRI1PGIS	<i>Design of geoinformation systems</i>			
3.2.	DRI1TPGK	<i>Theory principles of the gravity concentration</i>			
3.3.	DRI1TEFHPF	<i>Theory of elementary physical - chemical processes in flotation</i>			
4.	<i>Elective subject 3:</i>		II	6+4	15
4.1.	DRI1STPPE	<i>Specific technologies of surface and underwater mining</i>			
4.2.	DRI1TEMPK	<i>Theory of electromagnetic process of concentration</i>			
4.3.	DRI1TPHMK	<i>Theoretical principles of concentration chemical methods</i>			
Total hours of active teaching in the year of study				24+16	
Total ECTS points					60
SECOND YEAR					
5.	<i>Elective subject 4:</i>		III	6+4	15
5.1.	DRI2HTPE	<i>Nontraditional underground mining technologies</i>	III		
5.2.	DRI2ISU	<i>Intelligent Systems for Supervision</i>	III		
5.3.	DTI2TORZ	<i>Fundamentals of soil remediation</i>	III		
6.	DRI2DDDT	Doctoral Dissertation – Defining Theme		0+10	15
7.	DRI2DDSIR1	Doctoral Dissertation – Research Work 1	IV	0+20	30
Total hours of active teaching in the year of study				6+34	
Total ECTS points					60
THIRD YEAR					
8.	DRI3DDSIR2	Doctoral Dissertation – Research Work 2	V	0+20	30
9.	DRI3DDSIR3	Doctoral Dissertation – Research Work 3	VI	0+20	10
10.	DRI3DDIODD	Doctoral Dissertation – Realization and Defence of Thesis	VI	0+20	20
Total hours of active teaching in the year of study				0+60	
Total ECTS points					60
Total hours of active teaching in all years of study				30+110	
Total ECTS points					180