



FACULTY OF MINING TECHNOLOGY

CURRICULUM

VOCATIONAL FIELD:	5.8 EXPLORATION, MINING AND PROCESSING OF MINERAL RESOURCES
COURSE OF STUDY:	COAL, INDUSTRIAL MINERALS AND ROCKS MINING AND PROCESSING MANAGEMENT
EDUCATIONAL AND QUALIFICATION DEGREE:	MASTER
VOCATIONAL QUALIFICATION:	ENGINEER IN COAL, INDUSTRIAL MINERALS AND ROCKS MINING AND PROCESSING MANAGEMENT
FORM OF STUDY:	FULL - TIME
DURATION OF STUDY:	ONE AND A HALF YEARS (THREE SEMESTERS)

Adopted at a session of the Academic Council at the University of Mining and Geology "St. Ivan Rilski":
Minutes № 15 / 26.11.2018

L PROCESSING AND RECYCLING DEPARTMENT: _____
(Assoc. Prof. DSc. I. Grigorova)

DEAN: _____
(Prof. Dr. I. Koprev)

CURRICULUM

EDUCATIONAL AND QUALIFICATION DEGREE: MASTER

COURSE OF STUDY: "COAL, INDUSTRIAL MINERALS AND ROCKS MINING AND PROCESSING MANAGEMENT"

VOCATIONAL QUALIFICATION: ENGINEER IN COAL, INDUSTRIAL MINERALS AND ROCKS MINING AND PROCESSING MANAGEMENT

FORM OF STUDY: FULL-TIME

DURATION OF STUDY : 1,5 YEARS

Durartion of semesters: 15 weeks

Year	Semester	№	Course unit code	Full name of the course unit (course projects, practical trainings)	Form of control	Teaching hours		Overall teaching hours per semester	Credits	
						L	S			
First	First	1	242121	Combined Methods for Products Quality Management	Exam	45	30	75	6	
		2	222168	Underground Coal, Industrial Minerals and Rocks Mining Quality Management	Exam	45	30	75	6	
		3	272129	Management and Marketing	Exam	30	15	45	4	
		4	172125	Ecology and Environmental Impact Assessment	Exam	30	15	45	4	
		5	242122	Mining Waste Management	Exam	45	30	75	6	
		6	242127	Solid Fuel Processing Technologies	Exam	45	30	75	4	
	First Semester					6	240	150	390	30
	Second	7	242126	Building and Rock Materials Treatment	Exam	45	30	75	4	
		8	242125	Technological Evaluation and Design	Exam		60	60	6	
		9	242124	Modelling and Optimization	Exam	45	30	75	6	
		10	242129	Industrial Minerals	Exam	45	30	75	4	
		11	222166	Open-pit Coal, Industrial Minerals and Rocks Mining Quality Management	Exam	45	30	75	6	
12		242158	Course Project: Coal, Industrial Minerals and Rocks Processing Plant Design	CA		45	45	4		
Second Semester					5+1	180	225	405	30	
Overall for the first year:					11+1	420	375	795	60	
Second	Third	13	242149	Pre-diploma practice 15 days (90 teach. hrs.)	CA		90	90	3	
				Master's Thesis Preparation and Defense					15	
		Third semester:					0+1	90	90	18
OVERALL FOR THE COURSE OF STUDY:					11+2	420	465	885	78	

Abbreviations: CA -continuous assessment, L - lectures, Lab - laboratory seminars S -seminars, P - practical seminars

Parameters of the Curriculum

Overall teaching hours for the full course of study:	885 teach. hrs.
Academic load::	795 teach. hrs.
lectures:	420 teach. hrs.
seminars:	465 teach. hrs.
Extracurricular load (practical training:	90 teach. hrs.
Number of exams per course of study:	11
Items of continuous assessment:	2