



UNIVERSITETI - UNIVERSITY
“ISA BOLETINI”
MITROVICË

Institution Name	UIBM
Faculty/Department	Geosciences/ Mining
Name of study program	Mining
Qualification level according to KQF	VII
Name of degree or academic degree	Master of Mining
ECTS	120
The minimum duration of the program	2
Number of students per year	15
Accredited program up to	2025

Program objectives	<p>Objective 1: To have knowledge and develop engineering skills that enabling students to work in technical, research and/or executive positions in mining industry.</p> <p>Objective 2. Pursue advanced education and professional training in a particular field of mining</p> <p>Objective 3: To participate and work with professionals in related fields of mining with special priority on design, planning and monitoring of different mining operations</p> <p>Objective 4: To develop the ability for resolving challenging certain issues individually in a field of mining as well as aspiring further more scientific education and research.</p>
Learning outcomes of the program	<ol style="list-style-type: none"> 1. Demonstrate theoretical and practical knowledge in mining at advanced Level especially mine management, planning, modeling and optimization, safety and Risk assessment, mine development and valuation.. 2. Students demonstrate a high level of analytical skills to identify, formulate, analyze And solve certain engineering issues by applying engineering, science and mathematical Methods 3. Conduct theoretical and experimental studies, analyze and interpret findings, and use engineering judgments and draw conclusions 4. Students independently carry out technical research on a specific topic and present results through oral presentation and written technical reports. 5. Evaluate and develop feasibility reports and design mining projects. 6. Apply modern engineering, computer modeling and simulation tools for mining and minerals engineering projects development 7. Demonstrate an understanding of professional and ethical responsibilities.

YEAR - I						
Semester - I			Hrs/week			
Code	Statute	Course	L	E	ECTS	Professor
401.X	C	Scientific Research Methodology	3	0	4	Izet Zeqiri
402.X	C	Advanced Applied Geomechanics	2	2	5	Gzim Ibishi
403.X	C	Mine Engineering Ventilation	3	2	6	Izet Zeqiri
404.X	C	Special blasting	2	2	5	Frasher Brahimaj
405.X	C	Mine Project Management	2	1	5	Kemajl Zeqiri
406.X	E	Mine Reclamation and Closure	2	2	5	Kemajl Zeqiri
407.X	E	Advanced Resources and Reserve Modelling	2	2	5	Naser Peci
408.X	E	Engineering Geology in Mining	2	2	5	Sabri Avdullahi
Semester II						
409.X	C	Rock Mechanics II	3	2	6	Rafet Zeqiri
410.X	C	Surface Mine Design	2	2	5	Kemajl Zeqiri
411.X	C	Underground Mine Design	2	2	5	Muhamedin Hetemi
412.X	C	Mine Ventilation Design	3	2	6	Izet Zeqiri
413.X	C	Risk Management in Mining	2	2	5	Kemajl Zeqiri
414.X	E	Mine Development and Valuation	2	1	3	Muhamedin Hetemi
415.X	E	Quality Assurance and Quality Control in Mining Processes	2	1	3	Naser Peci
416.X	E	Methods in Geophysics	2	1	3	Afrim Koliqi
YEAR - II						
Semester III						
501.X	C	Optimization in Mining Industry	3	2	7	Izet Zeqiri
502.X	C	Analysis of Mine Economics	3	2	6	Kemajl Zeqiri
503.X	C	Mining Geostatistics	3	2	7	
504.X	E	Mining Waste Management	2	0	5	Kemajl Zeqiri
505.X	E	Numerical Modelling in Geomechanics	2	2	5	Gzim Ibishi
506.X	E	Geometallurgy	2	2	5	Kemajl Zeqiri, Festim Kutllovci, Nurten Deva,
Semester IV						
507.X	C	Summer practice			5	Academic staff
508.X	C	Master Thesis			25	
Total					30	