

# Anlage 1b: Modellstudienplan des Master-Studiengangs Mining Engineering

\_AFB 16.09.2014\_9. Änd. 13.06.2023

hpw	1. Semester	2. Semester	3. Semester	4. Semester
1	Shaft Sinking 6 CP	Ventilation and Climatization - Advanced level 6 CP	Advanced Surface Mining 6 CP	Master-Thesis 21 CP
2				
3				
4				
5	International Mining 6 CP	Underground Mine Planning 6 CP	Underground Mining Equipment 6 CP	
6				
7				
8				
9	Mineral Processing 3 CP	Advanced Rock Mechanics 6 CP	Applied Rock Mechanics 6 CP	
10				
11				
12	Seminar 3 CP	Advanced Mine Surveying 6 CP	Elective I 3 CP	
13				
14	Geoinformation Systems (GIS) 6 CP	Elective II 3 CP	Elective III 3 CP	
15				
16				
17	Mineral Resources 6 CP	Elective II 3 CP	Elective IV 3 CP	
18				
19	Industry Internship 6 CP	Surface and Underground Drilling 3 CP	Student Research Project 6 CP	
20				
21				
22				

ΣCP=30	ΣCP=30	ΣCP=30	ΣCP=30
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	Mining - Underground
	Mining – Open Pit
	Economic Geology
	Mine Surveying
	Mechanical Process Engineering
	Geomechanics
	Drilling