

## Struktura planu studiów **Curriculum Mining Engineering, MGE**

sem./ godz.	1	pkt.	2	pkt.	3	pkt.		
1	Theory and Practice in Geomechanics 41000E <b>GGG116703</b>	6	Machinery Systems 20110E <b>MMG116728</b>	6	Mineral Processing Systems 10020 E <b>GGG116742</b>	3		
2								
3								
4								
5	Computer Aided Geological Modelling & Geostatistics 10300Z <b>GGG116704</b>	5	Tunnel and Underground Excavation Design 20020E <b>GGG116733</b>	5	Environmental Management 20001Z <b>GGG116743</b>	3		
6					Digital Mine 10100 Z	2		
7								
8								
9	Project Management, Appraisal and Risk Evaluation 10210E <b>GGG116707</b>	4	Computer Aided Mine Design 10300 E <b>GGG116734</b>	5	Operations Research 10100Z <b>ZMG116703</b>	3		
10					Free Elective 20000 Z <b>GGG116700</b>	2		
11								
12								
13	Engineering Geophysics 10010 Z <b>GGG116705</b>	3	Foreign Language 03000 Z <b>JZL100929</b>	2	Diploma Seminar 00002Z <b>GGG100930</b>	2		
14								
15	Integrated Analysis of Deformations in Geomechanical Engineering 20200E <b>GGG116709</b>	5	Foreign Language 01000 Z <b>JZL100930</b>	1	Master Thesis <b>GGG116750</b>	15		
16								
17							Free Elective 20000Z <b>GGG116700</b>	3
18								
19								
20	Occupational Health and Safety 100100Z <b>GGG116706</b>	2	Ventilation and Mine Fires 10020 E <b>GGG116735</b>	4				
21								
22	Excavation Design in Open Pit Mining 20010E <b>GGG114731</b>	5	Physics - The Structure of Matter 20000Z <b>FZP1138</b>	2				
23								
24							Auto Cad 00200Z <b>GFG116741</b>	2
25								
26								
27								
suma		<b>30</b>		<b>30</b>				<b>30</b>