

**Course Requirements and Registration Priorities  
School of Mining and Geosciences, Fall 2018**

#	Abbr	Title	Cr(US)	Cr(ECTS)	PreRequisite	CoRequisite	AntiRequisite	1st priority registration	2nd priority registration	3rd priority registration	4th priority registration
<b>SMG</b>											
<b>Mining Engineering</b>											
1	MINE 501	Foundations of Mining	3	6							
2	MINE 502	Geology for Mining Engineers	3	6							
3	MINE 503	Applied Geostatistics	3	6							
4	MINE 504	Mine Geomechanics	3	6							
5	MINE 505	Advanced Mine Ventilation	3	6							
6	MINE 524	Advanced Tunnelling	3	6				2 year Gr SMG			
7	MINE 602	Mine Maintenance and Services	3	6	MINE 502 Geology for Mining Engineers (3691) (C- and above)						
8	MINE 603	Multivariate Geostatistics	3	6	MINE 503 Applied Geostatistics (3692) (C- and above)			2 year Gr SMG			
9	MINE 604	Geology of Ore Deposits	3	6				2 year Gr SMG			
10	MINE 606	Underground Hard Rock Geotechnical Engineering	3	6				2 year Gr SMG			
11	MINE 690	Thesis I	6	12							
<b>Petroleum Engineering</b>											
12	PETE 501	Foundations of Petroleum Engineering	3	6							
13	PETE 502	Petroleum Geology	3	6							
14	PETE 503	Fluid Flow Through Porous Media	3	6							
15	PETE 504	Advanced Formation Evaluation	3	6							
16	PETE 505	Advanced Drilling Engineering	3	6							