

**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 500	Foundations of Mining	3	6							
2	MINE 511	Applied Geostatistics	3	6							
3	MINE 512	Geology for Mining Engineers	3	6							
4	MINE 516	Advanced Mine Ventilation	3	6							
5	MINE 519	Mine Automation and Maintenance	3	6							
6	MINE 520	Mine Geomechanics	3	6	MINE 500 Foundations of Mining (C- and above) AND MINE 512 Geology for Mining Engineers (C- and above)						
7	MINE 521	Underground Hard Rock Geotechnical Engineering	3	6				2 year Gr SMG			
8	MINE 522	Advanced Geostatistical Modelling	3	6	MINE 511 Applied Geostatistics (C- and above)			2 year Gr SMG			
9	MINE 524	Advanced Tunnelling	3	6				2 year Gr SMG			
10	MINE 526	Thesis Literature Review	6	12							
11	MINE 604	Geology of Ore Deposits	3	6				2 year Gr SMG			
<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	PETE 501 Foundations of Petroleum Engineering (C- and above)						
16	PETE 505	Advanced Drilling Engineering	3	6	PETE 501 Foundations of Petroleum Engineering (C- and above)						