

**Course Requirements and Registration Priorities  
School of Mining and Geosciences (PhD), Fall 2021**

#	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 701	Advanced Mine Geomechanics	4	8				Mining Engineering	Chemical Engineering, Civil Engineering, Computer Science , Electrical Engineering, Mechanical Engineering, Robotics Engineering, Science, Engineering and Technology		
2	MINE 801	Advanced Mechanized Excavation and Tunneling	4	8				Mining Engineering	Chemical Engineering, Civil Engineering, Computer Science , Electrical Engineering, Mechanical Engineering, Robotics Engineering, Science, Engineering and Technology		
3	MINE 805	Mine Robotics and Automation	4	8				Mining Engineering	Chemical Engineering, Civil Engineering, Computer Science , Electrical Engineering, Mechanical Engineering, Robotics Engineering, Science, Engineering and Technology		
4	MINE 890-0	Thesis Research	0	0				Mining Engineering	Chemical Engineering, Civil Engineering, Computer Science , Electrical Engineering, Mechanical Engineering, Robotics Engineering, Science, Engineering and Technology		
<b>Petroleum Engineering</b>											
5	PETE 802	Fluid Flow Through Porous Media	4	8				Petroleum Engineering	Chemical Engineering, Civil Engineering, Computer Science , Electrical Engineering, Mechanical Engineering, Robotics Engineering, Science, Engineering and Technology		
6	PETE 805	Special Topics in Petroleum Engineering: Data Analytics	4	8				Petroleum Engineering	Chemical Engineering, Civil Engineering, Computer Science , Electrical Engineering, Mechanical Engineering, Robotics Engineering, Science, Engineering and Technology		
7	PETE 890	Thesis Research	0	0				Petroleum Engineering			
<b>School of Mining and Geosciences</b>											
8	SMG 710	Research Methods and Statistics	3	6				Mining Engineering, Petroleum Engineering	Chemical Engineering, Civil Engineering, Computer Science , Electrical Engineering, Mechanical Engineering, Robotics Engineering, Science, Engineering and Technology		