

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

#	Abbr	Title	Cr(US)	Cr(ECTS)	PreRequisite	CoRequisite	AntiRequisite	1st priority registration	2nd priority registration	3rd priority registration	4th priority registration
SMG											
Mining Engineering											
1	MINE 702	Current Research Literature	4	8				Mining Engineering			
2	MINE 703	Advanced Mining Systems	4	8				Mining Engineering	Chemical Engineering, Civil Engineering, Computer Science , Electrical Engineering, Mechanical Engineering, Robotics Engineering, Science, Engineering and Technology		
3	MINE 803	Advanced Geometallurgy	4	8				Mining Engineering	Chemical Engineering, Civil Engineering, Computer Science , Electrical Engineering, Mechanical Engineering, Robotics Engineering, Science, Engineering and Technology		
4	MINE 806	Advanced Numerical Methods	4	8				Mining Engineering	Chemical Engineering, Civil Engineering, Computer Science , Electrical Engineering, Mechanical Engineering, Petroleum Engineering, Robotics Engineering, Science, Engineering and Technology		
5	MINE 890-0	Thesis Research	0	0				Mining Engineering			
Petroleum Engineering											
6	PETE 702	Current Research Literature	4	8				Petroleum Engineering			
7	PETE 703	Advanced Reservoir Engineering	4	8				Petroleum Engineering	Mining Engineering, SEDS, SSH		
8	PETE 801	Advanced Reservoir Simulation	4	8				Petroleum Engineering	Mining Engineering, SEDS, SSH		
9	PETE 803	Advanced Enhanced Oil Recovery	4	8				Petroleum Engineering	Mining Engineering, SEDS, SSH		
10	PETE 890	Thesis Research	0	0				Petroleum Engineering			
11	PETE 899	Special topics in Petroleum Engineering: Unconventional Resources Drilling	4	8				Petroleum Engineering	Mining Engineering, SEDS, SSH		