

**Course Requirements and Registration Priorities
School of Mining and Geosciences (Master), Spring 2020**

#	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 507	Rock Excavation Methods	3	6				Mining Engineering			
2	MINE 508	Advanced Rock Mechanics	3	6				Mining Engineering			
3	MINE 509	Advanced Surface Mine Design	3	6				Mining Engineering			
4	MINE 510	Advanced Underground Mine Design	3	6				Mining Engineering			
5	MINE 691	Thesis II	15	30	MINE 690 Thesis I (4531) (P)			Mining Engineering			
Petroleum Engineering											
6	PETE 506	Advanced Reservoir Simulation	3	6				Petroleum Engineering	SEDS		
7	PETE 507	Advanced Reservoir Engineering	3	6				Petroleum Engineering	SEDS		
8	PETE 508	Advanced Production Engineering	3	6				Petroleum Engineering	SEDS		
9	PETE 600	Thesis I	6	12				Petroleum Engineering			
10	PETE 602	Research Seminar	3	6				Petroleum Engineering			
11	PETE 606	Advanced Enhanced Oil Recovery	3	6				Petroleum Engineering	SEDS		
12	PETE 610	Advanced Reservoir Geomechanics	3	6				Petroleum Engineering	SEDS		
School of Mining and Geosciences											
13	SMG 520	Research Methods	3	6				Mining Engineering, Petroleum Engineering	GSB, GSE, GSPP, SEDS, SSH, SoM		