

Course Requirements and Registration Priorities
School of Mining and Geosciences (Undergraduate), 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 201	Mineral Processing	3	6				Mining Engineering	Geology, Petroleum Engineering	SEDS, SMG, SSH, SoM	
Petroleum Engineering											
2	PETE 202	Transport Phenomena	3	6	ENG 200 Engineering Mathematics III (Differential Equations and Linear Algebra) (5009) (C- and above) OR CHEM 101 General Chemistry I (113) (C- and above) OR CHEM 101L General Chemistry I lab (179) (C- and above)			Petroleum Engineering	SEDS, SMG, SSH, SoM		
3	PETE 203	Drilling Engineering with Laboratories	4	8	PETE 201 Fluid Mechanics and Thermodynamics (5120) (C- and above)			Petroleum Engineering	SEDS, SMG, SSH, SoM		
4	PETE 204	Reservoir Rock and Fluid Properties with Lab	4	8	PHYS 162 Physics II for Scientists and Engineers with Laboratory (173) (C- and above)			Petroleum Engineering	SEDS, SMG, SSH, SoM		
School of Mining and Geosciences											
5	GEOL 101	Fundamentals of Geology	3	6				1 year UG SMG, Undeclared SMG	SEDS, SMG, SSH, SoM		
6	GEOL 204	Sedimentology and stratigraphy	3	6	GEOL 101 Fundamentals of Geology (4774) (D and above) OR GEOL 102 Fundamentals of Geology (4772) (D and above) AND GEOL 202 Geologic Maps and Cross-Sections (5123) (D and above)			Geology	Mining Engineering, Petroleum Engineering	SEDS, SMG, SSH, SoM	
7	GEOL 205	Paleontology	3	6	GEOL 101 Fundamentals of Geology (4774) (D and above) OR GEOL 102 Fundamentals of Geology (4772) (D and above)			Geology	Mining Engineering, Petroleum Engineering	SEDS, SMG, SSH, SoM	
8	GEOL 301	Sedimentary petrology	3	6	GEOL 101 Fundamentals of Geology (4774) (D and above) OR GEOL 202 Geologic Maps and Cross-Sections (5123) (D and above)	GEOL 202 Geologic Maps and Cross-Sections (5123) (D and above)		Geology	Mining Engineering, Petroleum Engineering	SEDS, SMG, SSH, SoM	
9	SMG 100	Introduction to Natural Resources Extraction	3	6				1 year UG SMG, Undeclared SMG	1 year UG SEDS, 1 year UG SSH	SEDS, SMG, SSH, SoM	
10	SMG 210	Strength of Materials	3	6				1 year UG SMG	SEDS, SMG, SSH, SoM		