

^PETROLEUM ENGINEERING CURRICULUM
Academic Year 2018-2019



(for students entering UW Fall 2018 or later)

Prefix	#	Course Title	Credits	Prefix	#	Course Title	Credits
FALL				Year 1			
	1101	First Year Seminar (FYS)	3			US & Wyo Constitutions (V)	3
CHEM	1020	Gen Chemistry I (PN) <small>ACT 23 or Concurrent MATH 1400 or 1405 or 1450</small>	4	CHEM	1030	Gen Chemistry II <small>CHEM 1020</small>	4
GEOL	1100	Physical Geology (PN)	4	ES	2110	Statics <small>Concurrent with MATH 2205</small>	3
MATH	2200	Calculus I (Q) <small>C in MATH 1405 or 1450, or MPE 5, or ACT 27/SAT 600</small>	4	MATH	2205	Calculus II <small>C in MATH 2200</small>	4
PETE	1060	Intro PETE Eng Prob Solving <small>Concurrent with MATH 2200</small>	1	ENGL	1010	College Comp. & Rhet. (COM1)	3
Semester Total 16				Semester Total 17			

FALL				Year 2				SPRING			
MATH	2210	Calculus III <small>C in MATH 2205</small>	4	PETE	2050	Fundamentals Petroleum Engr <small>C in (MATH 2205, PETE1060)</small>	3	ES	2310	Thermodynamics I <small>C in (MATH 2210, ES 2120)</small>	3
MATH	2310	Applied Differential Eqns I <small>C in MATH 2205</small>	3	ES	2330	Fluid Dynamics <small>C in (MATH 2210, ES 2120)</small>	3	CHEM	2300	Intro Organic Chem <small>CHEM 1020, 1050, 1000 or equivalent</small>	4
ES	2120	Dynamics <small>C in (MATH 2205, ES 2110)</small>	3	PHYS	1220	Engr Physics II <small>Concurrent with MATH 2210</small>	4	Semester Total 17			
ES	2410	Mechanics of Materials <small>C in (MATH 2205, ES 2110)</small>	3								
COJO	2010	Public Speaking (COM2) <small>C in ENGL 1010 (or ESL 1210 or HP 1020)</small>	3								
Semester Total 16											

FALL				Year 3				SPRING			
PETE	3025	Heat & Mass Transfer <small>C in MATH 2310, ES 2330</small>	3	PETE	3200	Reservoir Engineering <small>C in PETE 2050, Major Only</small>	3	PETE	3265	Drilling Fluids Lab <small>PETE 3255, Major Only</small>	3
PETE	2060	Petroleum Eng Computing <small>C in PETE 1060, concurrent with MATH 2310</small>	3	PETE	3715	Production Engineering <small>C in (PETE 2050, ES 2310, ES 2330), Major Only</small>	3	PETE	3725	Well Bore Operations <small>C in (PETE 2050, ES 2410), Major Only</small>	3
PETE	3100	Rock and Fluids Lab <small>C in PETE 2050, Major Only</small>	2	PETE	4320	Well Log Interpretation <small>C in PETE 2050, Major Only</small>	3	Semester Total 15			
PETE	3255	Basic Drilling Engineering <small>C in (PETE 2050, ES 2330), Major Only</small>	3								
PETE	3015	Multicomponent Thermodynamics <small>ES 2310, concurrent with PETE 2060, Major Only</small>	3								
		Human Culture Elective (H)	3								
Semester Total 17											

FALL				Year 4				SPRING			
PETE	4225	Well Test Analysis <small>PETE 3200, Major Only</small>	3	PETE	4736	PETE Design (COM3) <small>PETE 3200, 3255, 3715, 3725, C in COM 2, Major Only</small>	4	GEOL	4190	Petroleum Geology <small>PETE 2050</small>	3
PETE	4340	Petroleum Economics <small>PETE 3200, Major Only</small>	3			Human Culture Elective (H)	3			Technical Elective	3
PETE		Technical Elective	3			Technical Elective	3			Technical Elective	3
PETE		Technical Elective	3								
GEOL		Technical Elective	3								
Semester Total 15								Semester Total 16			

 Prerequisite Course(s)
 C or better is required for these courses

Total Degree Hours: 129

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