



PETROLEUM ENGINEERING, BSPE

FALL

SPRING

Course Number	Course Title	USP	CR	Min Grade	Grade	Course Number	Course Title	USP	CR	Min Grade	Grade
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FRESHMAN YEAR

USP: First Year Seminar						FYS	3	C			
CHEM 1020	General Chemistry I	PN	4	D		USP: US & Wyo Const.					
Prerequisite: ACT Math 23 or concurrent MATH 1400, 1405 or 1450						V	3	D			
GEOL 1100	Physical Geology		4	D		CHEM 1030	Gen Chem II		4	D	
Prerequisite: C in Math 2205						ES 2110 Statics					
MATH 2200	Calculus I	Q	4	C		Prerequisite: Concurrent in MATH 2205					
Prerequisite: C in Math 1405 or 1450, MPE 5, Math ACT 27, Math SAT 640						MATH 2205	Calculus II		4	C	
PETE 1060	Intro Petro Engr Prob		1	C		USP: Communications I					
Prerequisite: Concurrent MATH 2200						C1	3	C			
Total						16					
Total						17					

SOPHOMORE YEAR

MATH 2210	Calculus III		4	C		PETE 2050	Fundamentals Pet. Engr		3	C	
Prerequisite: C in Math 2205						Prerequisite: C in MATH 2205 and PETE 1060					
MATH 2310	Applied Differential Eqns		3	C		ES 2310	Thermodynamics		3	C	
Prerequisite: C in Math 2205.						Prerequisite: C in MATH 2210 and ES 2120					
ES 2120	Dynamics		3	C		ES 2330	Fluid Dynamics		3	C	
Prerequisite: C in MATH 2205 and ES 2110						Prerequisite: C in MATH 2210 and ES 2120					
ES 2410	Mechanics of Materials		3	C		CHEM 2300	Intro Organic Chem		4	D	
Prerequisite: C in MATH 2205 and ES 2110						Prerequisite: D in CHEM 1020					
COJO 2010	Public Speaking	C2	3	C		PHYS 1220	Engr Physics II		4	D	
Prerequisite: C in C1						Prerequisite: Concurrent in MATH 2210					
Total						16					
Total						17					

JUNIOR YEAR

PETE 2060	Petroleum Engr		3	D		PETE 3200	Reservoir Engineering		3	D	
Prerequisite: C in PETE 1060, concurrent in MATH 2310						Prerequisite: D in PETE 3025 and C in PETE 2050					
PETE 3025	Heat and Mass Transfer		3	D		PETE 3265	Drilling Fluids Lab		3	D	
Prerequisite: C in ES 2330 and MATH 2310						Prerequisite: D in PETE 3255, C in ES 2310 and ES 2330					
PETE 3100	Rock & Fluids Lab		2	D		PETE 3715	Production Engineering		3	D	
Prerequisite: C in PETE 2050						Prerequisite: C in PETE 2050, ES 2310, and ES 2330					
PETE 3255	Basic Drilling Engineering		3	D		PETE 3725	Well Completions		3	D	
Prerequisite: C in PETE 2050						Prerequisite: C in PETE 2050 and ES 2410					
PETE 3015	Multicomponent Thermo		3	D		PETE 4320	Well Log Interpretation		3	D	
Prerequisite: C in ES 2310, concurrent in PETE 2060						Prerequisite: C in PETE 2050					
USP: Human Culture						H	3	D			
Total						17					
Total						15					

SENIOR YEAR

PETE 4225	Well Test Analysis		3	D		PETE 4736	PETE Design	C3	4	C	
Prerequisite: D in PETE 3200						Prerequisite: D in PETE 3200, 3255, 3715, 3725, and C in COM2					
PETE 4340	Petroleum Economics		3	D		GEOL 4190	Petroleum Geology		3	D	
Prerequisite: D in PETE 3200						Prerequisite: D in PETE 2050					
PETE	Technical Elective		3	D		USP: Human Culture					
						H	3	D			
PETE	Technical Elective		3	D		Technical Elective					
						3 D					
GEOL	Technical Elective		3	D		Technical Elective					
						3 D					
Total						15					
Total						16					
Total Program Credits:						129					

Fall only or spring only course

- A minimum of 129 hours is required. • A minimum of 48 hours must be upper division. • 30 hours of upper division must be from UW.
- 15 credits of Technical Electives required. •13 credits of Technical Electives must be upper division. •Technical electives must be selected with advisor's approval from Department list or Department documented approval.
- Degree candidates must meet the academic requirements of the university, and must have a minimum GPA of 2.0 in all engineering courses, and a minimum GPA of 2.0 in all PETE courses attempted at UW.
- Students may not take a course for S/U credit to satisfy any requirement for a degree from the College of Engineering and Applied Science, unless the course is offered for S/U credit only.
- Students must complete 20 credit hours of required PETE courses at UW. Transfer students may only transfer nine additional credits once they have matriculated at UW. Non-transfer students may only transfer 18 credits from other institutions.