

PETROLEUM ENGINEERING CURRICULUM

(for students entering UW Fall 2011 or later)

FALL		Grade		SPRING		Grade
ES	1000 Orientation to Engr (I, L, O)	1 _____			US & Wyo Constitutions (V)	3 _____
CHEM	1020 Gen Chem I (SP)	4 _____	CHEM	1030 Gen Chem II (SP)		4 _____
GEOL	1100 Physical Geology (SE)	4 _____	ES	2110 Statics		3 _____
MATH	2200 Calculus I (QB)	4 _____	MATH	2205 Calculus II		4 _____
ES	1060 Intro Engr Prob Solving	3 _____	ENGL	1010 College Comp. & Rhet. (WA)		3 _____
		16				17
PHYS	1220 Engr Physics II	4 _____	MATH	2310 Applied Differential Eqns I		3 _____
MATH	2210 Calculus III	4 _____	ES	2310 Thermodynamics I		3 _____
ES	2410 Mechanics of Materials	3 _____	ES	2330 Fluid Dynamics		3 _____
ES	2120 Dynamics	3 _____	CHEM	2300 Intro Organic Chem		4 _____
PETE	2050 Intro to Petroleum Engr	3 _____		Cultural Context		3 _____
		17				16
PETE	2060 Petroleum Engr Computing	3 _____	PETE	3200 Reservoir Mechanics		3 _____
PETE	3100 Rock and Fluids Lab	2 _____	PETE	3265 Drilling Fluids Lab		2 _____
PETE	3255 Basic Drilling Engineering	3 _____	PETE	3715 Production Engineering		3 _____
PEAC	1001 Phy. Activ. & Your Health(P)	1 _____	PETE	3725 Well Bore Operations		3 _____
	Technical Elective	3 _____	PETE	4320 Well Log Interpretation		3 _____
	Cultural Context	3 _____				14
		15				
PETE	3015 Multicomponent Thermo	3 _____	PETE	4735 PETE Design II (WC, O)		4 _____
PETE	4225 Well Test Analysis	2 _____	GEOL	4190 Petroleum Geology		3 _____
PETE	4340 Petroleum Economics	3 _____		Technical Elective		3 _____
PETE	4720 PETE Design I (WB, O)	3 _____		Technical Elective		3 _____
	Technical Elective	3 _____		Technical Elective		3 _____
	Cultural Context	3 _____				16
		17				

Total Hours: 128

Notes:

Cultural Context must meet the following requirements:

1-CH course (Humanities)

1-CS course (Social Sciences)

1-CA course (Arts)

with embedded Global Awareness (G) AND Cultural Diversity in the US (D) in these courses.

Technical electives must be selected with advisor's approval

Five electives are required based on two options:

Option A: 2 PETE, 1 Departmental (CHE or PETE), 2 flexible technical electives chosen with advisor approval.

Option B: 1 PETE, 1 Departmental (CHE or PETE), 3 electives chosen in an area of focus with advisor approval.

For example: Math, Chemistry, Business, Geology, etc.