

**PETROLEUM ENGINEERING 2017/18**

<b>FRESHMAN YEAR</b>			
FALL			
C&PE 117	Introduction to Petroleum Engineering Profession I	1	
CHEM 130	Foundations of Chemistry I (KU CORE GE3N)	5	
ENGL 101	Composition (KU CORE G21)	3	
MATH 125	Calculus I (KU CORE GE12)	4	
_____	KU CORE ELECTIVE (GE3S, AE41, or AE4.2)	3	
		Total hours	16
SPRING			
C&PE 127	Intro to Petroleum Engineering Profession II	1	
GEOL 101	Introduction to Geology	3	
CHEM 135	Foundations of Chemistry II	5	
ENGL 102	Composition & Literature (KU CORE GE21)	3	
MATH 126	Calculus II	4	
		Total hours	16

<b>SOPHOMORE YEAR</b>			
FALL			
C&PE 217	Introduction to Petroleum Drilling Engineering	2	
C&PE 219	Drilling Fluids Laboratory (Co- C&PE 217)	1	
GEOL 103	Fundamentals of Geology Laboratory	2	
MATH 220	Applied Differential Equations	3	
MATH 290	Elementary Linear Algebra	2	
PHSX 210	General Physics I (KU CORE GE11)	3	
PHSX 216	General Physics I Lab (KU CORE AE51)	1	
_____	COMS 130 (KU CORE E22)	3	
		Total hours	17
SPRING			
C&PE 327	Reservoir Engineering I (Chem 175 or 135)	4	
ME 312	Basic Engineering Thermodynamics	3	
MATH 127	Calculus III	4	
C&PE 325	Math, Stats, Num Meth for ChemE	3	
PHSX 212	General Physics II	3	
PHSX 236	General Physics II Lab	1	
		Total hours	18

<b>JUNIOR YEAR</b>			
FALL			
C&PE 511	Momentum Transfer (MATH 220, ME 312)	3	
C&PE 527	Reservoir Engineering II (CPE 327, MATH 220)	4	
ME 211	Statics & Mechanics (not allowed w CE 201 for credit)	3	
C&PE 522	Econ Appraisal of C&PE Projects (PHSX 210)	2	
C&PE 528	Well Logging (CPE 327)	3	
ENGL 203	Technical Writing (KU CORE GE3H)	3	
		Total hours	18
SPRING			
C&PE 521	Heat Transfer (MATH 220, ME 312)	3	
C&PE 618	Secondary Recovery (CPE 527)	4	
C&PE 619	Petroleum Engineering Lab I (ENGL 203, CPE 219, 327, 511 or ME 510)	3	
_____	Engineering Science Elective	3	
GEOL 591	Sedimentology and Surface Processes	4	
		Total hours	17

<b>SENIOR YEAR</b>			
FALL			
C&PE 627	Petroleum Production (CPE 327; 511 or ME 510)	3	
C&PE 625	Unconventional Recovery (GEOL 331, CPE 527,528, ME 211)	3	
GEOL 535	Petroleum & Subsurface Geology (GEOL 331)	4	
_____	KU CORE ELECTIVE G5.1 or 5.2)	3	
_____	KU CORE ELECTIVE (GE3S, AE41, or AE4.2)	3	
		Total hours	16
SPRING			
C&PE 617	Drilling & Well Completion (CPE 217, 219,327, 511 or ME 510)	3	
C&PE 628	Petroleum Engineering Design (KU CORE G6) (CPE 522,527,528,618,619,GEOL 535)	3	
_____	Basic Science or Engineering Elective	3	
_____	Engineering Elective	3	
_____	KU CORE ELECTIVE (GE3S, AE41, or AE4.2)	3	
		Total hours	15

Revised June 2017 (RDO)