

# PETROLEUM ENGINEERING

w/ KU CORE† 2016-2017

FRESHMAN YEAR			
FALL			
C&PE 117	Introduction to Petroleum Engineering Profession I	1	
CHEM 130	General Chemistry I (KU CORE GE3N)	5	
ENGL 101	Composition (KU CORE GE21)	3	
MATH 125	Calculus I (KU CORE GE12)	4	
_____	KU CORE ELECTIVE (GE3S, GE3H, AE41, or AE42)	3	
		Total hours	16
SPRING			
C&PE 127	Introduction to Petroleum Engineering Profession II	1	
C&PE 121	Intro. Computers in Engineering	3	
CHEM 135	General Chemistry II	5	
ENGL 102	Composition & Literature (KU CORE G2 LO1)	3	
MATH 126	Calculus II	4	
		Total hours	16

JUNIOR YEAR			
FALL			
C&PE 511	Momentum Transfer	3	
C&PE 527	Reservoir Engineering II	4	
C&PE 522	Economic Appraisal of C&PE Projects	2	
C&PE 528	Well Logging	3	
PHSX 236	General Physics II Lab	1	
MATH 526	Applied Mathematical Statistics I	3	
		Total hours	16
SPRING			
C&PE 521	Heat Transfer	3	
C&PE 618	Secondary Recovery	4	
C&PE 619	Petroleum Engineering Lab I	3	
GEOL 331	Sedimentology and Surface Processes	4	
_____	Engineering Elective	3	
		Total hours	17

SOPHOMORE YEAR			
FALL			
C&PE 217	Introduction to Petroleum Drilling Engineering	2	
C&PE 219	Drilling Fluids Laboratory	1	
GEOL 101	Introduction to Geology	3	
GEOL 103	Fundamentals of Geology Laboratory	2	
MATH 127	Calculus III	4	
PHSX 210	Physics I For Engineers(KU CORE GE11)	3	
PHSX 216	General Physics I Laboratory (KU CORE AE51)	1	
		Total hours	16
SPRING			
C&PE 327	Reservoir Engineering I	4	
ME 211	Statics & Introduction to Mechanics	3	
ME 312	Basic Engineering Thermodynamics	3	
MATH 220	Applied Differential Equations	3	
MATH 290	Elementary Linear Algebra	2	
PHSX 212	General Physics II	3	
		Total hours	18

SENIOR YEAR			
FALL			
C&PE 627	Petroleum Production	3	
C&PE 620	Enhanced Oil Recovery	3	
GEOL 535	Petroleum & Subsurface Geology	4	
C&PE 625	Unconventional Reservoirs	3	
_____	KU CORE ELECTIVE (GE3S, GE3H, AE41, or AE42)	3	
		Total hours	16
SPRING			
C&PE 617	Drilling & Well Completion	3	
C&PE 628	Petroleum Engineering Design (KU CORE AE61)	3	
_____	Basic Science or Engineering Elective	3	
_____	KU CORE ELECTIVE (GE3S, GE3H, AE41, or AE42)	3	
_____	KU CORE ELECTIVE (GE3S, GE3H, AE41, or AE42)	3	
_____	KU CORE Oral Communications (GE 22)	3	
		Total hours	18

133 credit hours required for graduation

† KU CORE: Learn more at <http://kucore.ku.edu>

Revised May 2016 (SMW)