

PETROLEUM ENGINEERING

2014 – 2015 w/ KU CORE†

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 121	Calculus I (KU CORE GE12)	5	
_____	KU CORE ELECTIVE (GE3S, GE3H, AE41, or AE42)	3	
			Total hours 17
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 122	Calculus II	5	
			Total hours 17

JUNIOR YEAR			
FALL			
C&PE 511	Momentum Transfer	3	
C&PE 527	Reservoir Engineering II	4	
_____	KU CORE Oral Communications (GE 22)	3	
C&PE 522	Economic Appraisal of C&PE Projects	2	
C&PE 528	Well Logging	3	
PHSX 236	General Physics II Laboratory	1	
			Total hours 16
SPRING			
C&PE 521	Heat Transfer	3	
C&PE 618	Secondary Recovery	4	
C&PE 619	Petroleum Engineering Lab I	3	
CE 310	Strength of Materials	4	
GEOL 331	Sedimentology and Surface Processes	4	
			Total hours 18

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	
MATH 220	Applied Differential Equations	3	
MATH 290	Elementary Linear Algebra	2	
PHSX 210	Physics I For Engineers(KU CORE GE11)	3	
PHSX 216	General Physics I Laboratory (KU CORE AE51)	1	
			Total hours 15
SPRING			
C&PE 327	Reservoir Engineering I	4	
CE 201	Statics	2	
ME 312	Basic Engineering Thermodynamics	3	
GEOL 103	Fundamentals of Geology Laboratory	2	
MATH 526	Applied Mathematical Statistics I	3	
PHSX 212	General Physics II	3	
PHSX 236	General Physics II Lab	1	
			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	
EECS 315	Electric Circuits and Machines	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	
			Total hours 15

131 maximum credit hours required for graduation.

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