

# PETROLEUM ENGINEERING

2015-2016 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 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
_____	KU CORE Oral Communications (GE 22)	3
C&PE 522	Economic Appraisal of C&PE Projects	2
C&PE 528	Well Logging	3
MATH 526	Applied Mathematical Statistics I	3
		Total hours 18
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 290	Elementary Linear Algebra	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
CE 201	Statics	2
ME 312	Basic Engineering Thermodynamics	3
GEOL 103	Fundamentals of Geology Laboratory	2
MATH 220	Applied Differential Equations	3
PHSX 212	General Physics II	3
PHSX 236	General Physics II Laboratory	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

133 maximum credit hours required for graduation.

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