

PETROLEUM ENGINEERING – pre core changes

(Students pre-Fall 2013)

FRESHMAN YEAR		
FALL		
C&PE 117	Introduction to Petroleum Engineering Profession I	1
CHEM 170	Foundations of Chemistry I	5
ENGL 101	Composition	3
MATH 121	Calculus I	5
		Total 14 hours
SPRING		
C&PE 127	Introduction to Petroleum Engineering Profession II	1
C&PE 121	Intro. Computers in Engineering	3
CHEM 175	Foundations of Chemistry II	5
ENGL 102	Composition & Literature	3
MATH 122	Calculus II	5
		Total 17 hours

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 211	General Physics I	4
PHSX 216	General Physics I – LAB	1
		Total 16 hours
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
		Total 17 hours

JUNIOR YEAR		
FALL		
C&PE 511	Momentum Transfer	3
C&PE 527	Reservoir Engineering II	4
ENGL _____	Advanced English Advanced Elective	3
C&PE 522	Economic Appraisal of C&PE Projects	2
C&PE 528	Well Logging	3
_____	Humanities or Social Science Elective	3
		Total 18 hours
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 18 hours

SENIOR YEAR		
FALL		
C&PE 627	Petroleum Production	3
C&PE 620	Enhanced Oil Recovery ¹	3
GEOL 535	Petroleum & Subsurface Geology	4
EECS 315	Electric Circuits and Machines	3
_____	Humanities or Social Sciences Elective	3
		Total 16 hours
SPRING		
C&PE 617	Drilling & Well Completion	3
C&PE 628	Petroleum Engineering Design	3
_____	Basic Science or Engineering Elective	3
_____	Humanities or Social Sciences Elective	3
_____	Contemporary Issues Elective	3
		Total 15 hours

131 credit hours required for graduation.

1. Students before Fall 2012 take CHEM 330 instead of C&PE 620

Revised Oct 2013_4 (RDO)

