

PETROLEUM ENGINEERING

FRESHMAN YEAR		
FALL		
C&PE 117	Introduction to Petroleum Engineering Profession I	1
CHEM 184	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	Introduction to Computers in Engineering	3
CHEM 188	Foundations of Chemistry II	5
ENGL 102	Composition & Literature	3
MATH 122	Calculus II	5
Total 17 hours		

JUNIOR YEAR		
FALL		
C&PE 511	Momentum Transfer	3
C&PE 517	Reservoir Engineering I	4
C&PE 522	Economic Appraisal of C&PE Projects	2
CE 310	Strength of Materials	4
CHEM 622	Organic Chemistry	3
Total 16 hours		
SPRING		
C&PE 521	Heat Transfer	3
C&PE 527	Reservoir Engineering II	4
C&PE 528	Well Logging	3
EECS 319	Electrical Circuits, Devices and Systems	4
GEOL 331	Sedimentology and Surface Processes	4
Total 18 hours		

SOPHOMORE YEAR		
FALL		
C&PE 211	Material & Energy Balances	3
MATH 223	Vector Calculus (Option A)	3
MATH 290	Elementary Linear Algebra (Option A)	2
or		
MATH 220	Applied Differential Equations (Option B)	3
MATH 290	Elementary Linear Algebra (Option B)	2
PHSX 211	General Physics I	4
ENGL ____	Advanced English Advanced Elective	3
_____	Humanities and Social Sciences Elective	3
Total 18 hours		
SPRING		
C&PE 221	Basic Engineering Thermodynamics	3
CE 201	Statics	2
GEOL 101	Introduction to Geology	3
GEOL 101	Fundamentals of Geology Laboratory	2
MATH 320	Elementary Differential Equations (Option A)*	3
or		
MATH _____	MATH Elective (Option B)*	3
PHSX 212	General Physics II	4
Total 17 hours		

SENIOR YEAR		
FALL		
C&PE 617	Drilling & Well Completion	3
C&PE 618	Secondary Recovery	4
C&PE 619	Petroleum Engineering Lab I	2
GEOL 535	Petroleum & Subsurface Geology (Fall even years only)	4
_____	Humanities or Social Sciences Electives	3
_____	Humanities or Social Sciences Electives	3
Total 19 hours		
SPRING		
C&PE 627	Petroleum Production	3
C&PE 628	Petroleum Engineering Design	3
C&PE 629	Petroleum Engineering Lab II	2
_____	Basic Science or Engineering Elective	3
_____	Humanities or Social Sciences Elective	3
Total 14 hours		

*Students may select one of two MATH options. Selecting Option B, MATH 220/290, gives students an additional elective in MATH.

133 credit hours required for graduation.

Revised October 2004 (CSH)