

Petroleum Engineering

Degree Audit

2016-2017

Requirements	Hours	Hours Complete and Grade	Hours in Progress	Hours Needed
CHEM 131, 133	3, 1			
CHEM 132, 134	3, 1			
CSCI 210: Scientific Computing	3			
EGRG 311: Engineering Statistics	3			
EGRG 312: Strength of Materials	3			
EGRG 321: Fluid Mechanics	3			
EGRG/ENGY 331: Electrical Eng	3			
EGRG 351: Thermodynamics	3			
EGRG 325: Engineering Econ	3			
GEOL 111: Physical Geology	4			
GEOL 112: Historical Geology	4			
GEOL 326: Petroleum Geology	3			
MATH 125: Calculus I	4			
MATH 224: Calculus II	4			
MATH 235: Adv Eng Mathematics	3			
MATH 257: Engineering Stats	3			
MATH 302: Differential Equations	3			
PETR 216: Petrophysics	3			
PETR 302: Drilling Lab	1			
PETR 317: Phase Behavior	3			
PETR 318: Reservoir Engineering	3			
PETR 341: Drilling Engineering	3			
PETR 342: Production Systems Engr I	3			
PETR 343: Formation Evaluation	3			
PETR 405: Enhanced Recovery	3			
PETR 406: Natural Gas Engr	4			
PETR 421: Well Testing	3			
PETR 423: Production Systems Engr II	3			
PHYS 221: General Physics I	4			
PHYS 222: General Physics II	4			
WRIT 307: Technical Writing	3			

Capstone

PETR 430: Senior Capstone Seminar	3			
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Requirement	Substitution	Department Chair Signature and Date (Required)

Student Signature and Date	Advisor Signature and Date

Recommended Course Sequence

		Semester Completed			Semester Completed
First Semester			Second Semester		
PETR 101	3		CHEM 132	3	
CHEM 131	3		CHEM 134	1	
CHEM 133	1		GEOL 112	4	
WRIT/COMM101	3		MATH 224	4	
GEOL 111	4		PETR 216	3	
MATH 125	4		ENGL/COMM 101	3	
TOTAL	19		TOTAL	18	
Third Semester			Fourth Semester		
CSCI 210	3		EGRG 312	3	
EGRG 311	3		EGRG 321	3	
PHYS 221	4		MATH 235	3	
MATH 302	3		PHYS 222	4	
GEN.ED. ELEC.	3		GEN.ED. ELEC.	3	
Total	17		Total	16	
Fifth Semester			Sixth Semester		
EGRG 351	3		WRIT 307	3	
MATH 257	3		GEOL 326	3	
PETR 302	1		PETR 318	3	
PETR 317	3		PETR 342	3	
PETR 341	3		PETR 343	3	
GEN.ED. ELEC.	3		GEN.ED. ELEC.	3	
Total	16		Total	18	
Seventh Semester			Eighth Semester		
EGRG 325	3		EGRG 331	3	
PETR 405	3		PETR 406	4	
PETR 421	3		PETR 423	3	
GEN.ED. ELEC.	3		PETR 430	3	
GEN.ED. ELEC.	3		GEN.ED. ELEC.	3	
GEN.ED. ELEC.	3		Total	16	
Total	18				

EIT/FE Exam Date Taken:	Dept. Chair Signature:
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