

2020-21 PETROLEUM ENGINEERING

Minimum credit hrs required - 134

	Social Science ..(3)	Humanities Lit courses > 300 Art History Music Philosophy History Foreign Lang some T.C.	Social Science WGS Economics PS Psych Cult. Anth.	Humanities ..(3)	Social Science ..(3)	Humanities ..(3)	Social Science or Humanities Elective ..(3)	SSH Fine and Creative Arts ..(3)
ENGL 1110 (3) College English	ENGL 1120 (3) College English prerequisite: Engl 1110			ENGL 341 (3) Technical Writing prerequisite: Engl 1110, 1120 & junior standing				
MATH 1510 (4) Calc I prerequisite: Math 1240, 1230 or ACT math >29 or ...	MATH 1520 (4) Calc II prerequisite: Math 1510	MATH 2532 (4) Calc III prerequisite: Math 1520	MATH 335 (3) Applied Analysis I prerequisite: Math 1520	PET 311 & L (4) Drilling Engr I prerequisite: ES 216, Coreq: ES 302	PET 413 (3) Well Design corequisite: Pet 311	PET 424 (3) Production Engr I prerequisite: Pet 345, ES 216	PET 425 (3) Well Completions prerequisite: Pet 345 co-requisite: Pet 413	
CHEM 1215 (3) General Chem. I prerequisite: Math 1240 corequisite: Chem 1215L		CHEM 1225 (3) General Chem. II prerequisite: Chem 1215 & lab corequisite: Chem 1225L, Math 1510	PET 245+Lab (4) Petroleum Fluids prerequisite: Chem 1225, Math 1520 co-requisite: PET 111	PET 345 (3) Reservoir Engr I Prerequisite: ES 216 co-requisite: PET 245	PET 445 (3) Reservoir Engr II prerequisite: Pet 345	PET 424Lab (1) Production Engr Lab corequisite: Pet 424	PET 425Lab (1) Well Completions Lab co-requisite: Pet 413 co-requisite: Pet 425	
CHEM 1215 Lab (1) General Chem Lab I corequisite: Chem 1215		CHEM 1225 Lab (1) General Chem Lab II corequisite: Chem 1225	ES 216 (3) Fluid Mechanics prereq: Phys 1310, coreq: Math 2532	PET 345L (1) Reservoir Engr I Lab corequisite: Pet 345		PET 470 (3) Applied Res Simulation prerequisite: Pet 445		
	PHYS 1310 (4) General Physics I corequisite: Phys 121L, Math 1510	PHYS 1320 (4) General Physics II prerequisite: Phys 1310 corequisite: Phys 1320L, Math 1520	ES 347 (3) Thermodynamics prerequisite: Chem 1225, Math 1520, Phys 1310		PET 370 (3) Formation Evaluation prerequisite: Phys 1320, PE 345 & L	PET 471 (3) Reservoir Description prerequisite: PET 370, 445, Erth 460 corequisite: Pet 424	PET 472 (3) Reservoir Management prerequisite: PET 471, ES 316 corequisite: Pet 425	
PET 101 (1) Intro to Pet Eng	PHYS 1310 Lab (1) General Physics Lab I corequisite: Phys 1310	PHYS 1320 Lab (1) General Physics Lab II corequisite: Phys 1320			PET 450 (3) Well Testing prerequisite: PE 345, Math 335			
	PET 111L (1) Comp. appl. for pet engs corequisite: Math 104	ES 201 (3) Statics prerequisite: Phy 1310 corequisite: Math 2532	ES 302 (3) Mechanics of Materials prerequisite: ES 201, Math 2532	ES 303 (3) Dynamics prerequisite: ES 201, Math 2532		ES 316 (3) Engr. Economics prerequisite: Math 1520		
GEOL 1110& 1110L ..(4) Earth Processes			GEOL 2330 (3) Earth's Crust: Mats, Processes & Dynamics. Prerequisite: a 100-level GEOL course and GEOL 1110 & 1110L		ERTH 460 (3) Subsurface & Petroleum Geology Prerequisite: GEOL 2330		Technical Elective ..(3)	
16 hrs	16 hrs	16 hrs	19 hrs	17 hrs	18 hrs	16 hrs	16 hrs	

Name:

Date:

Legend

T - transfer

Sem/Yr - completed

- In Progress

D - drop

AP - adv placement

() credit hrs