

2022-23

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)	Name: Date:
ENGL 1110 (3) <i>College English</i>	ENGL 1120 (3) <i>College English</i> prerequisite: Engl 1110			ENGL 3041 (3) <i>Technical Writing</i> prerequisite: Engl 1110, 1120 & junior standing			SSH Fine and Creative Arts ..(3)	
MATH 1510 (4) <i>Calc I</i> prerequisite: Math 1240, 1230 or ACT math >29 or ...	MATH 1520 (4) <i>Calc II</i> prerequisite: Math 1510	MATH 2532 (4) <i>Calc III</i> prerequisite: Math 1520	MATH 3035 (3) <i>Applied Analysis I</i> prerequisite: Math 1520	PETR 3011 & L (4) <i>Drilling Engr I</i> prerequisite: ES 216, Coreq: ES 302	PETR 4013 (3) <i>Well Design</i> corequisite: PETR 311	PETR 4024 (3) <i>Production Engr I</i> prerequisite: PETR 345 ES 216	PETR 4025 (3) <i>Well Completions</i> prerequisite: PETR 345 co-requisite: PETR 413	
CHEM 1215 (3) <i>General Chem. I</i> prerequisite: Math 1240 corequisite: Chem 1215L		CHEM 1225 (3) <i>General Chem. II</i> prerequisite: Chem 1215 & lab corequisite: Chem 1225L, Math 1510	PETR 245+Lab (4) <i>Petroleum Fluids</i> prerequisite: Chem 1225, Math 1520 co-requisite: PETR 111	PETR 3045 (3) <i>Reservoir Engr I</i> Prerequisite: ES 216 co-requisite: PETR 245	PETR 4045 (3) <i>Reservoir Engr II</i> prerequisite: PETR 345	PET 4024+Lab (1) <i>Production Engr Lab</i> corequisite: PETR 424	PETR 4025Lab (1) <i>Well Completions Lab</i> co-requisite: PETR 413 co-requisite: PETR 425	
CHEM 1215 Lab (1) <i>General Chem Lab I</i> corequisite: Chem 1215		CHEM 1225 Lab (1) <i>General Chem Lab II</i> corequisite: Chem 1225	ES 216 (3) <i>Fluid Mechanics</i> prereq: Phys 1310, coreq: Math 2532	PETR 3045L (1) <i>Reservoir Engr I Lab</i> corequisite: PETR 345		PETR 4070 (3) <i>Applied Res Simulation</i> prerequisite: PETR 445		Legend T - transfer Sem/Yr - completed - In Progress D - drop AP - adv placement () credit hrs
	PHYS 1310 (4) <i>General Physics I</i> corequisite: Phys 121L, Math 1510	PHYS 1320 (4) <i>General Physics II</i> prerequisite: Phys 1310 corequisite: Phys 1320L, Math 1520	ES 3047 (3) <i>Thermodynamics</i> prerequisite: Chem 1225, Math 1520, Phys 1310		PETR 3070 (3) <i>Formation Evaluation</i> prerequisite: Phys 1320, PETR 345 & L,	PETR 4071 (3) <i>Capstone Design I</i> prerequisite: PETR 370, PETR 445 corequisite: PETR 424	PETR 4072 (3) <i>Capstone Design II</i> prerequisite: PETR 471 corequisite: ES 316	
PETR 101 (1) <i>Intro to Pet Eng</i>	PHYS 1310 Lab (1) <i>General Physics Lab I</i> corequisite: Phys 1310	PHYS 1320 Lab (1) <i>General Physics Lab II</i> corequisite: Phys 1320			PETR 4050 (3) <i>Well Performance</i> prerequisite: PETR 345, Math 335			
	PETR 111 (1) <i>Comp. appl. for pet engrs</i> corequisite: Math 104	ES 201 (3) <i>Statics</i> prerequisite: Phy 1310 corequisite: Math 2532	ES 3002 (3) <i>Mechanics of Materials</i> prerequisite: ES 201, Math 2532	ES 3003 (3) <i>Dynamics</i> prerequisite: ES 201, Math 2532		ES 3016 (3) <i>Engr. Economics</i> prerequisite: Math 1520		
GEO 1110& 1110L ..(4) <i>Earth Processes</i>			GEOL 2330 (3) <i>Earth's Crust: Mats, Processes & Dynamics.</i> Prerequisite: a 100-level GEOL course and GEOL 1110 & 1110L		GEOL 4060 (3) <i>Subsurface & Petroleum Geology</i> Prerequisite: GEOL 2330		<i>Technical Elective</i> ..(3)	
16 hrs	16 hrs	16 hrs	19 hrs	17 hrs	18 hrs	16 hrs	16 hrs	