

2024-25 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)
ENGL 1110 (3) College English	ENGL 1120 (3) College English prerequisite: Engl 1110			ENGL 3041 (3) Technical Writing prerequisite: Engl 1110, 1120 & junior standing			SSH Fine and Creative Arts ..(3)
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 3035 (3) Applied Analysis I prerequisite: Math 1520	PETR 3011 & L (4) Drilling Engr I prerequisite: ES 216, Coreq: ES 3002	PETR 4013 (3) Well Design corequisite: PETR 3011	PETR 4024 (3) Production Engr I prerequisite: PETR 3045 ES 216	PETR 4025 (3) Well Completions prerequisite: PETR 3045 co-requisite: PETR 4013
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	PETR 245+Lab (4) Petroleum Fluids prerequisite: Chem 1225, Math 1520 co-requisite: PETR 111	PETR 3045 (3) Reservoir Engr I Prerequisite: ES 216 co-requisite: PETR 245	PETR 4045 (3) Reservoir Engr II prerequisite: PETR 3045	PET 4024+Lab (1) Production Engr Lab corequisite: PETR 4024	PETR 4025Lab (1) Well Completions Lab co-requisite: PETR 4013 co-requisite: PETR 4025
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	PETR 3045L (1) Reservoir Engr I Lab corequisite: PETR 3045		PETR 4070 (3) Applied Res Simulation prerequisite: PETR 4045	
	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 3047 (3) Thermodynamics prerequisite: Chem 1225, Math 1520, Phys 1310		PETR 3070 (3) Formation Evaluation prerequisite: Phys 1320, PETR 3045 & L,	PETR 4071 (3) Capstone Design I prerequisite: PETR 3070, PETR 4045 corequisite: PETR 4024	PETR 4072 (3) Capstone Design II prerequisite: PETR 4071 corequisite: ES 3016
PETR 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		PETR 4050 (3) Well Performance prerequisite: PETR 3045, Math 3035			
	PETR 111 (1) Comp. appl. for pet engs corequisite: Math 104	ES 201 (3) Statics prerequisite: Phy 1310 corequisite: Math 2532	ES 3002 (3) Mechanics of Materials prerequisite: ES 201, Math 2532	ES 3003 (3) Dynamics prerequisite: ES 201, Math 2532		ES 3016 (3) Engr. Economics prerequisite: Math 1520	
GEO 1110& 1110L ..(4) Earth Processes			GEOL 2330 (3) Earth's Crust: Mats, Processes & Dynamics. Prerequisite: a 100-level GEOL course and GEOL 1110 & 1110L		GEOL 4060 (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