

2018-19 PETROLEUM ENGINEERING

Minimum credit hrs required - 134

| | | | | | | | | |
|---|---|--|---|--|--|--|--|--|
| | Social Science ..(3) | <u>Humanities</u> Lit courses > 300 Art History Music Philosophy History Foreign Lang some T.C. | <u>Social Science</u> WGS Economics PS Psych Cult. Anth. | Humanities ..(3) | Social Science ..(3) | Humanities ..(3) | Social Science or Humanities Elective ..(3) | Name: Date: |
| ENGL 111 (3) College English | ENGL 112 (3) College English prerequisite: Engl 111 | | | ENGL 341 (3) Technical Writing prerequisite: Engl 111, 112 & junior standing | | | Social Science or Humanities Elective ..(3) | |
| MATH 131 (4) Calc I prerequisite: Math 103, 104 or ACT math >29 or... | MATH 132 (4) Calc II prerequisite: Math 131 | MATH 231 (4) Calc III prerequisite: Math 132 | MATH 335 (3) Applied Analysis I prerequisite: Math 132 | 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 121 (3) General Chem. I prerequisite: Math 103 corequisite: Chem 121L | | CHEM 122 (3) General Chem. II prerequisite: Chem 121 & lab corequisite: Chem 122L, Math 131 | PET 245+Lab (4) Petroleum Fluids prerequisite: Chem 122, Math 132 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 prerequisite: Pet 413 co-requisite: Pet 425 | |
| CHEM 121 Lab (1) General Chem Lab I corequisite: Chem 121 | | CHEM 122 Lab (1) General Chem Lab II corequisite: Chem 122 | ES 216 (3) Fluid Mechanics prereq: Phys 121, coreq: Math 231 | PET 345L (1) Reservoir Engr I Lab corequisite: Pet 345 | | PET 470 (3) Applied Res Simulation prerequisite: Pet 445 | | Legend T - transfer Sem/Yr - completed - In Progress D - drop AP - adv placement () credit hrs |
| | PHYS 121 (4) General Physics I corequisite: Phys 121L, Math 131 | PHYS 122 (4) General Physics II prerequisite: Phys 121 corequisite: Phys 122L, Math 132 | ES 347 (3) Thermodynamics prerequisite: Chem 122, Math 132, Phys 121 | | PET 370 (3) Formation Evaluation prerequisite: Phys 122, 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 121 Lab (1) General Physics Lab I corequisite: Phys 121 | PHYS 122 Lab (1) General Physics Lab II corequisite: Phys 122 | | | PET 450 (3) Well Testing prerequisite: PE 345, Math 335 | | | |
| | PET 111L (1) Comp. appl. for pet engrs corequisite: Math 104 | ES 201 (3) Statics prerequisite: Phy 121 corequisite: Math 231 | ES 302 (3) Mechanics of Materials prerequisite: ES 201, Math 231 | ES 303 (3) Dynamics prerequisite: ES 201, Math 231 | | ES 316 (3) Engr. Economics prerequisite: Math 132 | | |
| ERTH 101 & 103L ..(4) Earth Processes | | | ERTH 203 (3) Earth's Crust: Mats, Processes & Dynamics, Prerequisite: a 100-level EARTH course and EARTH 101 or 103 Lab | | ERTH 460 (3) Subsurface & Petroleum Geology Prerequisite: EARTH 203 | | Technical Elective ..(3) | |
| 16 hrs | 16 hrs | 16 hrs | 19 hrs | 17 hrs | 18 hrs | 16 hrs | 16 hrs | |