2018-19 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 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	
	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 ERTH course and ERTH 101or 103 Lab		ERTH 460 (3) *Subsurface & Petroleum Geology* Prerequisite: ERTH 203		*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