2017-18 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: ES 201, 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 corequisite: Phy 122, Math 231, ES 216		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 335		ES 316 (3) *Engr. Economics* prerequisite: Junior Standing	
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

1. credit hour increase to PET 450, 471, 472
2. Prereq changes to PET 345, 450, 470
3. Change of PET 413L to 425L
4. Deletion of ES 332