Department of Petroleum Engineering 2019-2020 Curriculum[1]

Freshmen

Fall-14 Credits	Spring-16 Credits
CHEM 107 Gen Chem I (3)	CHEM 108 Gen Chem II (3)
ENGL 101 Rhet & Comp (3)	CHEM 115 Gen Chem II Lab (2)
PETE 101 Intro to PETE (1)	ENGL 102 Comp & Lit (3)
MATH 270 Calculus I (4)	GEOL 111[2] Physical Geol (4)
UNIV 100 (Cajun Connect) (3)	MATH 301 Calculus II (4)

30 Credits

Sophomore

Fall-17 Credits	Spring-16 Credits
ECON 300[3] Fund Econ (3)	ENGR 218 Statics/Mech (3)
GEOL 315 Strc Geol for Eng (4)	Elective (ARTS) (3)
MATH 350 Differential Eq (3)	ENGR 201 Elec Circuits (3)
PHYS 201 General Phys I (4)	PETE 211/212 (PETE 382/384) Drilling Fluids/Lab (3/1L)
Elective (BIOL SCI) (3)	Elective (LIT) (3)

33 Credits

Junior

Fall-16 Credits	Spring-17 Credits
ENGR 301 Thermo (3)	Elective (MATH/STAT[4]) (3)
ENGR 305 Transport Phen (3)	ECON 430 Ind Econ & Fin (3)
PETE 321 (PETE 391) Phase Behavior (3)	PETE 322/323 (PETE 392/394) Res Fld Flw/Lab (3/1L)
PETE 311/312 (PETE 491/493) Drilling Eng/Lab (3/1L)	PETE 313/314 (PETE 481/483) Pet Form Evl/Lab (3/1L)
Elective (HIST) (3)	ENGL 365 Tech Writing (3)

33 Credits

Senior

Fall-15 Credits	Spring-16 Credits
PETE 401 Senior Design I (1)	PETE 402 Senior Design II (1)
PETE 411 (PETE 484) Well Plan & Con (3)	PETE 433 (PETE 478) Nat Gas Eng (3)
PETE 431/432 (PETE 486/488) Production Eng/Lab (3/1L)	PETE 423 (PETE 482) Imp Pete Recov (3)
PETE 421/422 (PETE 494/496) Reservr Eng/Lab (3/1L)	PETE 424 (PETE 485) Risk Analysis (3)
Elective (PETE/GEOL[5]) (3)	PETE 434 (PETE 489) Well Comp: P&R (3)
	Elective (PETE) (3)

31 Credits

***Notes :**
- A grade of "C" or better is required in all major department (PETE) and engineering courses that are used toward the degree.
- A minimum of 2.0 cumulative average (major GPA) is required on all hours attempted in the major department (PETE) and engineering courses that apply toward the degree.
- Students are responsible for completing all course prerequisites before enrolling in a course.

[1]127 total credits*
[2]or (GEOL 105 + GEOL 107)
[3]or ECON 201, 202
[4]MATH 302, 362 or STAT 427
[5]GEOL 410, 420, 440, 460
Elective (HIST): **All history courses except HIST 390 (Recommended: 101, 102, 103, 104, 221, 222, 223, 224, 321, 322)**
Elective (BIOL): **BIOL 110, 111, 121, 122, 300, 303, 304 (Recommended: 121, 300, 303, 304)**

Elective (LIT): **ENGL Any course that focuses on literary texts (Recommended: 201, 202, 205, 206, 210, 211, 212, 215, 216, 312, 319, 320, 321, 322, 333, 342, 371, 372, 380, 381)**
FORL 331, 332
FREN 202, 311, 431(G), 441(G), 471, 472, 481(G), 491(G), 492(G)
GERM 202, 311, 405(G), 441(G), 442(G), 471, 472
LATN 301, 302
SPAN 203, 311, 441(G), 442(G), 480(G)

Elective (ARTS): **MUS Any course except Voice and Instrumental lessons. (Recommended: 104, 105, 106, 108, 109, 308, 360, 362, 364)**
VIAR Any course (Recommended: 120, 121, 122)
THEA Any course (Recommended: 161, 261)
DANC Any course (Recommended: 101, 102)