## **Petroleum Engineering BS Curriculum Flowchart** .....⊳ Prerequisite Corequisite Prerequisite Semesters (May be taken concurrently) (Must be taken concurrently) 1st 2nd 3rd 4th 5th 6th 7th 8th **MATH 1451 MATH 1452 MATH 3350 PETR 3304** PETR 3307/3107 **PETR 4121 MATH 2450 PETR 4222** CALCULUS II CALCULUS III CALCULUS I HIGH MATH FOR ENG DRILLING 1 ORMATION EVAL(Fall Onl (Spring Only) (Fall Only) $\triangle$ $\triangle \dot{\triangle} \dot{\triangle}$ **PETR 2322 PETR 3105 CHEM 1107 & PHYS 1408 PHYS 2401** SEOLOGY FIELD TRIF ATISTICAL ANALYSIS OF DA **CHEM 1307 PETR** PHYSICS I PHYSICS II (Spring Only) $\triangle$ PRINC OF CHEM/LAB ENIOR ELECTIVE #1 SENIOR ELECTIVE #3 **PETR 2301 PETR 4303** ODUCTION METHOD: **PETR ENGL 1302** PETR 3303/3103 **ENGL 1301 PETR 3324 ESS OF COL RHET ADV COL RHET RES ROCK PROP** ENIOR ELECTIVE #4 **PETR 3302** GEOLOGY FOR PETR ENGINEER RESERVOIR ENG I **PETR 2350** ASIC LAND PRACTICI M E 2322 **ENGR 1330 ENGR 1320** M E 3370 IE 2324 **HIST 2301 Bio Inspired Design** CompThinking/Data Science **THERMODYNAMICS FLUIDS PETR 3306** HISTORY OF US TO 1877 ENG ECONOMIC ANALYSIS RESERVOIR ENG II **GEOL 4334** STRUCTURAL GEOLOGY (Spring Only) **POLS 2306 HIST 2300** C E 2301 C E 3303 **ENGR 1110 ENGR 2392** TEXAS POLITICS AND TOPICS HISTORY OF US TO 1877 Engineering Seminar ngr Ethics Lang/Phil c STATICS **SOLIDS** C E 3302 DYNAMICS **ARTS 1309 POLS 1301** CREATIVE ARTS & MULTICULTURAL AMER GOV I M E 2301 M E 3403 **ORAL COMM** M E 2302 MECHANICS I **MECHANICS II** (See Current Catalog **DYNAMICS Transfer Out** of Foundational Intent to Filed Graduate (3.4 GPA Required Filed \*See Below) \*The undergraduate requirements may change according to the state regulations. A grade of "C" or higher must be achieved in all courses on the degree plan as well as a 3.4 GPA to be eligible to apply for the Petroleum Department.

Engineering

Petroleum Engineering

Courses

Geology

General Education

Requirements

Science Requirements

Math Requirements