Petroleum Engineering BS
Curriculum Flowchart

Semesters

1st
- MATH 1451: CALCULUS I
- ENGR 1315: ENG ANALYSIS
- CHEM 1107 & CHEM 1307: PRINC OF CHEM/LAB
- HIST 2300: HIST US TO 1877
- ENGL 1301: ESS OF COL RHET

2nd
- MATH 1452: CALCULUS II
- PHYS 1408: PHYSICS I
- ENGL 1302: ADV COL RHET
- HIST 2301: HIST US FROM 1877
- ORAL CORE COMM

3rd
- MATH 2450: CALCULUS III
- PHYS 2401: PHYSICS II
- GEOL 3324: GEOLOGY FOR PETR ENGINEERS
- ENGR 2392: (HUMANITIES CREDIT)
- M E 2301: MECHANICS I

4th
- MATH 3350: HIGH MATH FOR ENG
- PETR 2322: PETROLEUM METHODS
- GEOL 4324: GEOL OF HYDROCARBONS
- M E 2302: THERMODYNAMICS
- C E 3301: STATICS

5th
- MATH 3342 OR IE 3341: STATISTICS
- PETR 3302: RES FLU PROP DES
- GEOL 4334: STRUCT GEOL
- M E 2302: DYNAMICS
- C E 3302: DYNAMICS

6th
- PETR 3303/3103: RES ROCK PROP
- PETR 3304: FORMATION EVAL
- PETR 4303: PETR PROD METH
- PETR 3307/3107: DRILLING 1
- C E 3303: SOLIDS
- M E 3403: MECHANICS II

7th
- PETR 4300: PROP EVAL & MGMT
- PETR 4308: RESERVOIR II
- PETR 4121: DESIGN 1
- PETR 4306: ENH OIL RECOVERY
- I E 2324

8th
- PETR 4222: DESIGN II
- PETR 4319: RESERVOIR SIMULATION
- PETR 4309: PRODUCTION II
- PETR 4321: DRILLING SIMULATION
- POLS 2302: AMER PUB POLICY
- ENGR 2392: (HUMANITIES CREDIT)

Corequisite
(Must be taken concurrently)

Prerequisite
(May be taken concurrently)

Curriculum Flowchart

Must have 2 years of same foreign language in HS or 1 year of same foreign language college credit.
Must have 1st-3rd year curriculum completed with a 2.5 GPA before advancing to the senior courses.