Petroleum Engineering BS
Curriculum Flowchart

Seminars

1st  2nd  3rd  4th  5th  6th  7th  8th

MATH 1451  MATH 1452  MATH 2450  MATH 3350  MATH 3342 OR IE 3341
CALCULUS I  CALCULUS II  CALCULUS III  HIGH MATH FOR ENG  STATISTICS
CHEM 1107 & CHEM 1307 PRINC OF CHEM/LAB
PHYS 1408  PHYS 2401  PHYS 1408  PHYS 2401  PHYS 2401
PHYSICS I  PHYSICS II  PHYSICS I  PHYSICS II  PHYSICS II
ENGL 1301  ENGL 1302  ENGR 1315  ENGL 1301  ENGL 1302
ESS OF COL RHET  ADV COL RHET  ORAL CORE COMM
HIST 2300  HIST 2301  HIST 2300  HIST 2301  HIST 2301
HIST US TO 1877  HIST US FROM 1877  HIST US TO 1877  HIST US FROM 1877  HIST US TO 1877
GEOL 3324  GEOL 3324  ENGR 3315
GEOLOGY FOR PETR ENGINEERS  GEOLOGY FOR PETR ENGINEERS
ME 2301  ME 2301  ME 2301
MECHANICS I  THERMODYNAMICS  MECHANICS I
M E 2322  PETR 3302  C E 3302
THERMODYNAMICS  RES FLU PROP DES  DYNAMICS
M E 2302  PETR 3303  C E 3303
DYNAMICS  PETR PROD METH  SOLIDS
C E 3301  C E 3303  M E 2301
STATICS  SOLIDS  MECHANICS I
GEOL 4334  GEOL 4342 OR IE 3341
STRUCT GEOL  STATISTICS
PETR 3302/3103  PETR 3304/3103
RES FLU PROP DES  RES ROCK PROP
PETR 4300  PETR 4302  PETR 4306
PROP EVAL & MGMT  ADVANCED GEOSTATISTICS  ENH OIL RECOVERY
PETR 3305  PETR 3307/3107  PETR 3308/3108
GEOL FIELD TRIP  DRILLING 1  PROP EVAL & MGMT
PETR 4303  PETR 4304
PETR PROD METH  FORMATION EVAL
PETR 4307  PETR 4309
DRILLING 1  PRODUCTION II
PETR 3308  PETR 4319
GAS/OIL FACILITIES  RESERVOIR SIMULATION
PETR 4321  PETR 4314
DRILLING SIMULATION  NODAL ANALYSIS
I E 2324  ENCO 3350  POLS 1301
CONCOURSE  ENG ANALYSIS  AMER GOVT ORG
PETR 4300
PROP EVAL & MGMT
PETR 4307
DRILLING 1
PETR 4308
PROP EVAL & MGMT
PETR 4319
RESERVOIR SIMULATION
PETR 4321
DRILLING SIMULATION

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.