

Certificate in Petroleum Engineering

Admission Requirements

1. Interest in learning about Petroleum Engineering Topics.
2. Adequate experience in the field of petroleum engineering.

Certificate Requirements

1. A total of sixteen (16) credit hours must be completed from the following courses in the PE undergraduate curriculum:

| Code | Title | Credits |
|----------|--|---------|
| PTRE 201 | Introduction to Petroleum Engineering | 3 |
| PTRE 301 | Reservoir Rock Properties | 3 |
| PTRE 311 | Petroleum Fluid Properties | 3 |
| PTRE 361 | Petroleum Engineering Laboratory I | 1 |
| PTRE 401 | Well Logging | 3 |
| PTRE 405 | Petroleum Eng. Economy and Law | 3 |
| PTRE 411 | Drilling Engineering | 3 |
| PTRE 421 | Production Engineering | 3 |
| PTRE 431 | Reservoir Engineering | 3 |
| PTRE 445 | Well Testing | 3 |
| PTRE 451 | Advanced Drilling Engineering | 3 |
| PTRE 461 | Natural Gas Engineering | 3 |
| PTRE 462 | Petroleum Engineering Laboratory II | 1 |
| PTRE 465 | Petroleum Geomechanics | 3 |
| PTRE 471 | Numerical Reservoir Simulation | 3 |
| PTRE 475 | Well Completions | 3 |
| PTRE 484 | Research Design | 3 |
| PTRE 485 | Senior Design | 3 |
| PTRE 493 | Selected Topics in Petroleum Engineering | 1-4 |
| GEOE 210 | Earth Dynamics Geophysics | 4 |

2. Courses must be passed with the following requirements below:

Courses shall only count as credit toward fulfilling the requirements listed above when a grade of S (for S/U) or C or higher has been awarded at the completion of the course.