

*This certificate is suitable for engineering students who desire a basic preparation for a career in the petroleum industry.*

**A – REQUIREMENTS – 12 HOURS (12 advanced)**

**1 – Petroleum Engineering Core – 3 Hours (3 advanced)**

MECE 3370 Rock Properties

**2 – Mechanical Engineering Electives – 9 Hours (9 advanced)**

MECE 4370 Drilling and Completion Engineering

MECE 4371 Production and Reservoir Engineering

MECE 4372 Natural Gas Engineering

**ADMISSION, PROGRESSION, AND GRADUATION REQUIREMENTS, if applicable:**

**Admission requirements**

Students must be enrolled in a Bachelor of Science in Engineering program and be in compliance with the progression requirements of that program. Completion (with a grade of “C” or better) of MECE 2340 Materials Engineering, MECE 3321 Mechanics of Solids, and MECE 3315 Fluid Mechanics. Students outside the Mechanical Engineering program will need to check with their advisor to ensure that advanced course in this program will satisfy requirements in their major course of study.