GRADUATE DEGREE REQUIREMENTS

DEGREE: Master of Science

CODE: M765

MAJOR: Petroleum Engineering

Total Hours Required:
THESIS Required = 30 hours; Required Number of Thesis Research = 6 hours applied
NON-THESIS Required = 36 hours

**Required Courses** (9 hours)
- PE 6573 Advanced Reservoir Engineering
- PE 5353 Advanced Drilling Engineering
- PE 5990 Advanced Production Engineering

**Core Courses** (3 hours)
- Applied Mathematics (one course from the following or other approved applied math course)
  - MATH 4163G Introduction to Partial Differential Equations
  - PE 5563 Mathematical Modeling and Simulation
  - PE 5713 Introduction to Geostatistics
  - PE 5990 Petroleum Inverse Problems

**Thesis Electives** (12 hours)
Twelve credit hours of approved electives including a maximum of 3 hours of special studies

**Non-Thesis Electives** (24 hours)
Twenty-four hours of approved electives including a maximum of 3 hours of special studies

Notes: Students may apply only 3 credit hours of S/U graded courses (excluding thesis) toward a master's degree. Thesis students must give a technical presentation at a graduate seminar or professional meeting, or publish a paper.