
DOCTORAL DEGREE REQUIREMENTS

General policies for all University of Oklahoma doctoral programs are available in the [Graduate College Bulletin](#).

DOCTOR of PHILOSOPHY

D765

MAJOR: Petroleum Engineering

Program effective **Summer 2020**

COURSEWORK REQUIREMENTS

MS Coursework

Completion of all coursework and research requirements for an M.S. in Petroleum Engineering or equivalent degree, as determined by the graduate liaison.

Core Courses

With approval of the graduate liaison, other graduate-level coursework appropriate for the degree may substitute for core courses on the basis of undergraduate or professional background.

- P E 6573 Advanced Oil Reservoir Engineering..... 3 hours
- P E 5353 Advanced Drilling..... 3 hours
- P E 5523 Advanced Production Engineering 3 hours

Applied Math

One course from the following list or approved by the department.

- MATH 4163 Introduction to Partial Differential Equations
- P E 5563 Mathematical Simulation Models
- P E 5990 Petroleum Inverse Problems 3 hours
- Elective courses, including up to a maximum of 3 credit hours for special studies..... 12+ hours
- Thesis Research 6 hours

Total 30+ hours

- Coursework beyond the master’s degree 12+ hours**

Dissertation Research

- P E 6980 Research for Doctoral Dissertation..... **36-48 hours**
36 hours minimum / 48 hours maximum

TOTAL 90 hours

ADDITIONAL REQUIREMENTS

Prior to defending, a student must have published (or accepted/in press) one refereed paper as first author on their dissertation research topic and have one conference proceeding as first author on their dissertation topic. The refereed paper should be in a journal that is listed in Thomson Reuters Web of Science and have a minimum impact factor of 0.5. The Graduate College will not authorize a student to defend until the graduate liaison has confirmed the student has met this requirement.