

Petroleum Engineering (MSE)

advisor and the vice provost for graduate and postdoctoral studies. More detailed information is available [online](#).

This program is designed to educate engineers to develop technology and solve problems related to earth energy resources. Student research has traditionally focused on oil and gas, but sustainability topics are growing in importance in the curriculum and as research endeavors. Once students have chosen a degree option, they may choose to work closely with a faculty member conducting research in their area of interest. The program offers a doctoral degree based on a combination of coursework and research, and a master's degree based on either a thesis or a report, or on coursework alone.

Graduate Handbook

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and [online](#). Please contact the program with concerns or questions.

Admission

All prospective degree candidates must have a background satisfactory for study of advanced petroleum and geosystems engineering as determined by the Graduate Studies Committee. For students without this background, such as those without degrees in engineering or in the petroleum-related fields, the Graduate Studies Committee will recommend a program of coursework designed to prepare the student for graduate study. Complete requirements for admission are available [online](#).

Total Hours Required: 30

Thesis: 30

No Thesis: 33

No Thesis or Report: 36

Requirements

Code	Title	Hours
Major		
Supporting coursework completed outside of the department		6-9
Choose a sequence below:		24-27
Sequence 1: Thesis		
PGE 698	Thesis	
18 hours of coursework completed in Hildebrand Department of Petroleum and Geosystems Engineering		
Sequence 2: Report		
PGE 398R	Master's Report	
24 hours of coursework completed in Hildebrand Department of Petroleum and Geosystems Engineering		
Sequence 3: No Thesis or Report		
27-30 hours of coursework completed in Hildebrand Department of Petroleum and Geosystems Engineering		
<u>Graduate Engineering Requirements</u>		
<u>Graduate University Requirements</u>		
Total Hours		30-36

Additional Requirements and Policy

All options must include at least 18 semester hours of engineering courses. The program of coursework must be approved by the graduate