

PETROLEUM ENGINEERING

M.S. Degree

Petroleum engineering offers a unique look at the challenging problems confronting the petroleum industry. This program requires an understanding of many disciplines including mathematics, physics, chemistry, geology and engineering science. Courses in petroleum engineering deal with drilling, formation evaluation, production, reservoir engineering, computer simulation and enhanced oil recovery.

The curriculum prepares graduates to meet the demands of modern technology while emphasizing, whenever possible, the special problems encountered in Alaska. Located in one of the largest oil-producing states in the nation, the UAF petroleum engineering department offers modern and challenging degree programs.

The M.S. program is intended to provide students with an advanced treatment of petroleum engineering concepts. Students may choose either a thesis or non-thesis option. Research and teaching assistantships are available.

A doctoral degree program is offered with a concentration in petroleum engineering for qualified students (see Engineering (<http://catalog.uaf.edu/graduate/graduate-degree-programs/engineering/>)). Contact the graduate program coordinator or the petroleum engineering department for more information.

Minimum Requirements for Petroleum Engineering M.S. Degree: 30-36 credits

College of Engineering and Mines
Department of Petroleum Engineering (<https://www.uaf.edu/cem/>)
907-474-7734

Programs

Degree

- M.S., Petroleum Engineering (<http://catalog.uaf.edu/graduate/graduate-degree-programs/petroleum-engineering/ms/>)