Petroleum and Natural Gas Engineering

Graduate Program

Since 1931

The John and Willie Leone Family Department of Energy and Mineral Engineering (EME) is a unique department with world-class faculty experts in science, engineering, economics, and statistics applied to the energy and mineral resources sector. Our faculty encompass the range of disciplines required for the energy and environmental challenges of today and the next century.

EME Research Focus Areas

- Petroleum and Natural Gas Engineering, and Subsurface Energy
- Energy and Fuel Science
- Energy Systems Engineering, and Renewables
- Energy Policy and Economics
- Mining and Mineral Process Engineering
- Industrial Health, Safety, and Geoenvironmental Engineering

EME by the Numbers

210 Graduate students enrolled
40 Approx. M.S., M.P.S., and Ph.D.s awarded annually
50 Faculty – mostly tenure or tenure track
1 National Academy of Engineering member
4 National Science Foundation CAREER Award winners

$13 Million in research expenditures this year

Degrees Awarded

- M.S. in Energy and Mineral Engineering*
- M.P.S. Renewable Energy and Sustainability Systems
- Ph.D. Energy and Mineral Engineering*


Important Dates

- January 5 – Fall application deadline - seeking assistantship
- March 5 – Fall late application deadline
- September 5 – Spring application deadline

PNGE Chair

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Join a vibrant industry of new and emerging technologies to become an energy leader and be a part of the next breakthrough in worldwide energy supply.

emep.su.edu/eme/grad/apply