



PETROLEUM + ENGINEERING AND TECHNOLOGY MANAGEMENT

PETROLEUM ENGINEERING BS • ENGINEERING AND TECHNOLOGY MANAGEMENT MS

PLAN AHEAD: FINISH YOUR MASTER'S DEGREE IN ONE TO TWO ADDITIONAL SEMESTERS

Mines' 4+1 Petroleum Engineering BS and Engineering and Technology Management (ETM) MS combine a deep understanding of engineering fundamentals with practical business knowledge and leadership skills. Build upon your technical depth with management and decision making tools to enhance your knowledge, marketability and career potential.

ENHANCE YOUR TECHNICAL DEPTH

- The Petroleum Engineering BS program promotes the safe and environmentally sound exploration, evaluation, development, and recovery of oil, gas, geothermal, and other fluids in the earth. These skills are needed to meet the world's ever-increasing demand for hydrocarbon fuel, thermal energy, as well as waste and pollution management.
- The ETM MS program enhances your Petroleum Engineering BS degree with contemporary business management tools, skills and insights that are needed in rapidly changing, technology-focused enterprises. The unique ETM curriculum focuses on building leaders who can effectively create, build and manage complex technology intensive organizations.
- Classes include key business topics including leadership, interpersonal communications, team building and managing projects. This blend of instruction leverages the quantitative competencies of STEM graduates to build the foundation for better management and decision-making.
- The ETM curriculum emphasizes quantitative analysis and predictive methodologies, tools that are in high demand within rapidly changing competitive business environments.



"The ETM program taught me to apply a business-driven approach to the engineering concepts I learned as an undergraduate. It prepared me to be a more valuable engineer in the oil and gas industry."

Caleb Thomas, '17 Petroleum Engineering, '18 Engineering and Technology Management

Learn more about ETM at etm.MINES.edu or email ETM Program Director Michael Heeley, mheeley@mines.edu. Visit petroleum.MINES.edu to learn more about Mines' Petroleum Engineering BS program.