The Mines mineral and energy economics graduate program educates students on the skills necessary for understanding the complex interactions of markets and policy that influence the energy, mineral and environmental industries. The program focuses on applied quantitative tools and models that form a foundation for sound business and public policy. Founded in 1969, this world-renowned program offers MS and PhD options, and attracts students from all over the world. Graduates of the program are globally known for their career achievements.

DEGREE OPTIONS

- **Doctor of Philosophy**: 72 credit hours, comprised of 36 credit hours of coursework and 36 credit hours of research.

- **Master of Science (thesis based)**: 36 credit hours, comprised of 15 credit hours of core courses, 9 credit hours of approved electives and 12 credit hours of research.

- **Master of Science (non-thesis)**: 36 credit hours, comprised of 15 credit hours of core courses and 21 credit hours of approved electives.

- **Certificate in resource commodity analytics**: 12 credit hours of coursework.
MINERAL AND ENERGY ECONOMICS | PhD, MS

RESEARCH AREAS

• Global climate policy
• Price forecasting
• Energy demand
• Utility regulation
• Asset valuation
• Critical minerals
• Environmental economics
• Renewable energy mandates
• International mineral markets

CORE COURSES

• Mathematical Economics
• Natural Resource Economics
• Microeconomics of Mineral and Energy Markets
• Econometrics I
• Econometrics II

DUAL DEGREE: PETROLEUM ECON & MANAGEMENT + MINERAL & ENERGY ECONOMICS

The Division of Economic and Business at Mines and the Institut Français du Petrole (IFP), in Paris, France, together offer an advanced collaborative international graduate degree program to meet the needs of industry and government. Our unique program trains the next generation of technical, analytical and managerial professionals.

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PROGRAM ADMISSION REQUIREMENTS

• A personal statement that illustrates a strong interest in energy, minerals or related environmental and technological issues, and includes examples of strong leadership potential as demonstrated by previous academic, personal and employment successes.

• There is no official minimum GPA for admittance into the program, although higher GPAs increase the likelihood of admission. For GRE and GMAT, quantitative scores should be above 60 percent for admittance consideration.

• For international applicants or applicants whose native language is not English, a TOEFL score of 79 or higher (or 550 for the paper-based test) is required. In lieu of a TOEFL score, an IELTS score of 6.5 or higher will be accepted.

ACCEPTING APPLICATIONS

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