Divisions of Economics & Business

Adding value to organizations through economic, management, and quantitative-business analysis.

B.S., Economics
Building upon the Mines math and science core curriculum, this degree focuses on applying economics to business and policy decisions related to the earth, energy, and environment. Graduates have quantitative and analytical tools to solve problems and evaluate opportunities. Many students go to work for the same companies that hire Mines engineers.

- Specialty Courses:
  - Resource Economics
  - Business Strategy
  - Operations Research Methods
  - Energy Economics
  - Entrepreneurship
  - Engineering Economics
  - Econometrics

- Recent Employment:
  - Accenture (Systems Integration Analyst)
  - Bentek (Market Analyst)
  - Encana (Analyst)
  - ExxonMobil (Project Manager)
  - Nordstrom Finance (Risk Analyst)
  - Xcel Energy (Power Analyst)

M.S., Engineering & Technology Management (ETM)
This quantitative and applied program fosters a specialized skill set in finance, operations research, and strategy for individuals with backgrounds in engineering or applied science. ETM graduates are prepared to meet the ever-changing needs of technical and business environments – through financial and operational modeling, managing technology, and participating in strategic planning.

- Specialty Courses:
  - Decision Analysis
  - Operations Research Methods
  - Management of Technology
  - Economic Evaluation & Investment Decision Methods
  - Engineering and Technology Management Capstone

- Recent Employment:
  - Anadarko (Engineer)
  - Baker Hughes (Field Engineer)
  - DCP Midstream (Project Manager)
  - ExxonMobil (Project Engineer)
  - Level 3 Communications (Planner)
  - Lockheed Martin (Strategic Initiatives Lead)

M.S., Ph.D., Mineral & Energy Economics
The program applies quantitative methods from economics, finance, and operations research to the mineral and energy sectors. Graduates are able to value and evaluate investment opportunities, assess and model markets, and build optimization models to provide value added to organizations.

- Specialty Courses:
  - Economics of Metal Industries and Markets
  - Advanced Mineral Asset Evaluation
  - Natural Resource Economics
  - Economic Evaluation & Investment Decision Methods
  - Energy Economics

- Recent Employment:
  - Booz and Co. (Associate)
  - The World Bank (Consultant)
  - Credit Suisse (Assoc Commodity Analyst)
  - Oxy (Asset Valuation Economist)
  - Newmont (Supply Chain Analyst)
  - Schlumberger (Risk & Value Consultant)
  - Shell Global Solutions (Process Engineer)

Employment by Industry:

- Business/Financial: 34%
- IT/Electronics/Telecom: 17%
- Energy: 15%
- Construction/Manufacturing: 14%
- Government/Military: 8%
- Mining: 8%
- Consulting: 4%