



# PHYSICS + ENGINEERING AND TECHNOLOGY MANAGEMENT

ENGINEERING PHYSICS B.S. • ENGINEERING AND TECHNOLOGY MANAGEMENT M.S.

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

Mines' 4+1 Engineering Physics BS and Engineering and Technology Management (ETM) MS combine a deep understanding of science and 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 Engineering Physics BS curriculum combines aspects of an engineering degree with the rigorous foundation of traditional physics. Physics majors tackle advanced topics in mechanics, electromagnetism, thermodynamics, electronics and modern physics.
- The ETM MS program enhances your Engineering Physics 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, both public and private.
- Classes also include key business topics like leadership, interpersonal communications, team building and managing projects. This blend of classes leverage 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.



"Any Mines degree will prepare you to be a problem solver, but combining a strong technical background with the business aspects of the ETM program has really prepared me to excel. I need to have a solid foundation of technical skills, but ETM really gave me the tools to combine that with the business side of things to knowledgeably talk to my customers and understand their needs and business."

**Renee (Rainguet) Jefferies, '08 Engineering Physics, '09 Engineering and Technology Management**

To learn more about ETM, visit [etm.mines.edu](http://etm.mines.edu) or email ETM Program Director Michael Heeley, [mheeley@mines.edu](mailto:mheeley@mines.edu).

For Engineering Physics questions, email Todd Ruskell, [truskell@mines.edu](mailto:truskell@mines.edu).



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