



MASTER OF SCIENCE IN ECONOMICS AND INNOVATION

Today's global market believes that innovations are more sustainable and transformative in solving real-world challenges when innovators look beyond the technical engineering aspects. The M.S. in Economics and Innovation (MEI) program is designed to complement those with engineering backgrounds and welcomes all qualified STEM students. This program features a core curriculum emphasizing industry-driven skills integrated with essential economics knowledge to navigate the complex investment decision-making process in technologies and innovation, often amid uncertain economic, policy, and regulatory environments. Students can choose from two distinct focus areas to earn a certificate:

- **VALUE-DRIVEN INNOVATION** – Masters a continuous process of creating products and solutions that deliver unique value through building collaborative ecosystems.
- **ENERGY ECONOMICS AND GLOBAL SUSTAINABILITY** – Addresses global challenges at the intersection of energy systems, economic policies, and environmental sustainability.

Join us to shape your future and make an impact!

PROGRAM HIGHLIGHTS

- A STEM 30-credit hour (10 courses) master's program completed in 3 semesters.
- Earn both a master's degree and a graduate certificate by completing 10 courses.
- Industry-developed cutting-edge curriculum in Innovation, Energy, and Sustainability.
- The program's projected job growth is over 27% in the U.S. for the next decade.
- Sponsored attendance at industry-connected workshops for networking opportunities.
- Access to corporate projects in focus area courses.
- Mentorship from industry leaders at partnered corporations.
- Regular seminars led by industry experts in focus areas.



R1 MISSOURI S&T
Carnegie Classification

Promising MEI Job Prospects



“I’ve led teams at McDonnell Douglas, HP, Rational Software, and startups, generating billions in revenue and thousands of jobs. The global shortage of skilled professionals to assess technology’s economic and technical viability highlights the need to educate students with the MEI curriculum.”

— **John Lovitt, Silicon Valley senior executive**
(retired), Missouri S&T Trustee, and S&T alumnus



“The MEI program offers an opportunity to build a workforce with an engineering background also capable of navigating the complex decision-making process surrounding technology investment, particularly in the face of policy uncertainty.”

— **John C. Wagner, Director of the Department of Energy’s Idaho National Laboratory**, Missouri S&T Trustee, and S&T alumnus

With an average starting salary of **\$100,000+**, the MEI program prepares you for leadership roles, including but not limited to:

- Innovation strategist
- Research and development manager
- Technology economist
- Policy analyst
- Economic or business development manager

PROGRAM CURRICULUM STRUCTURE & COURSES

Students will complete 6 core courses and 4 required courses from their chosen focus area.

Program Core Courses

- Microeconomics: Managerial & Project Economics
- Macroeconomics: Navigating Risks and Trends
- Econometrics and Forecasting
- Data-Driven Strategic Insights
- Project Management
- Product and Process Design

Required Focus Area and Certificate Courses

Value-Driven Innovation

- Innovation and Value Generation
- Innovation Economics and Finance
- Innovation to Market
- Contemporary Issues in Technology and Innovation

Energy Economics & Global Sustainability

- Energy Policy & Economic Analysis
- Innovation Economics and Finance
- Building Sustainability & ESG
- Contemporary Issues In Energy Economics



Econ.mst.edu

To learn more, please contact **Melody Lo**, the Steinmeyer Memorial Endowed Chair of Economics and the MEI Program Director, at melodylo@mst.edu or **573-341-4800**.

ABOUT MISSOURI S&T

Missouri S&T is a STEM-focused university that offers over 100 degrees across 40 disciplines, including M.S. and Ph.D. programs in many science and engineering programs. Located about 100 miles from St. Louis in Rolla, Missouri S&T boasts a safe and friendly campus. With over 7,000 students, Missouri S&T is big enough to accommodate a diverse population yet small enough for individuals to build high visibility and impactful careers. For more information, visit www.mst.edu.

NO. 2

U.S PUBLIC
UNIVERSITY FOR
HIGHEST SALARIES

(Wall Street Journal)

NO. 3

U.S PUBLIC
UNIVERSITY FOR
CAREER PLACEMENT

(Princeton Review)



A GREAT INVESTMENT:

MISSOURI S&T IS CONSISTENTLY
RANKED AMONG THE BEST VALUES
IN HIGHER EDUCATION IN THE U.S.

TUITION COST*

	Missouri Residents	Non- Missouri Residents	International Residents
Based on 18 credit hour enrollment during an academic year	\$10,206	\$18,540	\$24,100
Per credit hour rate	\$567	\$1,030	\$1,339

* Please check [The Cost for Future Students](#) and [Graduate Fee Schedule](#) for updated information.

REQUIRED APPLICATION MATERIALS

- A completed **application** form (submitted online).
- A resume or **curriculum vitae**.
- One-page **personal statement** on how the MEI program can support future career goals.
- **Official transcripts** from all universities attended (at least one semester of **calculus** and one semester of **statistics** are required for admission).
- **GRE or GMAT scores are not required** but can be submitted.
- **Language Requirement:** If English is not your native language (See S&T's list of English Proficiency Exempt Countries [here](#)), you must submit English test scores to meet the minimum language requirement:
 - TOEFL: 8
 - IELTS: 6.5
 - PTE: 58
 - Duolingo: 115
 - Cambridge English B2 First, C1 Advanced, or C2 Proficiency: 176

MISSOURI S&T™

APPLY TODAY:

<https://connect.mst.edu/apply/>