



M.S. in Management of Technology

This is a joint program between the College of Engineering and the Miami Business School. Designed for engineering professionals, the program combines advanced technical knowledge with practical business skills, preparing graduates to lead and manage in today's technology-driven world.

WHAT TO EXPECT

Technology Integration and Systems Thinking

- Learn to evaluate, adopt, and apply emerging tools while using systems and management principles to address complex business and engineering challenges.

Interdisciplinary Curriculum

- Gain a blend of technical engineering expertise and business knowledge, including strategy, leadership, and management skills.

Applied Learning and Collaboration

- Work on case studies, projects, and industry partnerships in small, cross-disciplinary cohorts that encourage teamwork, networking, and real-world problem solving.

Leadership and Career Readiness

- Develop the skills to drive technology strategy, innovation, and transformation, preparing for leadership roles in technology management, consulting, operations, and innovation-focused industries.



FAST FACTS



**Interdisciplinary
Education and
Research**



**\$70-90k
Average
Salary**



**Graduate
In Less Than
Two Years**

The program **blends engineering expertise with business strategy** to prepare students for technology-driven leadership roles.

Students from all academic and professional backgrounds are welcome to apply and contribute to a dynamic learning environment.

RESEARCH AREAS

Our program offers flexible pathways tailored to career goals across industries, blending advanced problem-solving, data analysis, and systems thinking with applications in engineering, technology, and business.

- Technology Strategy and Innovation
- Data Analytics and Decision Science
- Leadership and Organizational Transformation
- Entrepreneurship and New Ventures



WHY CHOOSE MANAGEMENT OF TECHNOLOGY

- **Interdisciplinary Advantage:** Combine technical expertise with business acumen in a unique joint program between Engineering and Business.
- **Career Advancement:** Prepare for leadership roles in technology management, consulting, product development, and innovation strategy.
- **STEM-Designated Program:** International students can access up to three years of Optional Practical Training (OPT).
- **Bridging Engineering and Management:** Enhance your background in engineering, science, or business with complementary skills to expand your career opportunities.
- **Inclusive Pathways:** Open to students from engineering, science, technology, and related fields seeking leadership and management roles.
- **Location Advantage:** Study in Miami, a global hub for logistics, finance, healthcare, energy, and innovation, with direct access to diverse industry opportunities.

CAREER PATHS



Technology and
Innovation Management



Finance and
Analytics



Healthcare and Life
Sciences



Energy and
Sustainability



Government and
Public Sector



Travel, Hospitality
and Cruise Lines

“The Management of Technology program at UM bridges rigorous engineering with real-world business insight, integrating MBA and engineering coursework into a cohesive, applied learning experience that accelerated my growth. The curriculum sharpened technical expertise, strategic thinking, and leadership, directly complementing and elevating my consulting career.”

- Pedro Gotuzzo '23, IBM

For more
information



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