MTM in Technology Management Program

*Students graduating with a MTM in Technology Management will be able to:*

**Core Knowledge**

Demonstrate broad knowledge of technology management including understanding of markets, competition and technology development; effective group structures, team processes, and interpersonal skills in technology firms; accounting and finance in the technology sector; methods of analysis for business decisions concerning technology commercialization; market research practices for technology ventures; business models in technology driven industries; project and operations management; leadership in early stage and mature technology organizations; managing product development.

**Specialization Knowledge**

Demonstrate depth of advanced knowledge in a specialization of technology management such as life sciences businesses; information technology businesses; energy efficiency enterprises; sustainable business practices.

**Research Methods and Analysis**

- a. Demonstrate proficiency with quantitative methodologies used in technology management.
- b. Design and implement a market research study.
- c. Analyze data for the purpose of solving technology business problems.

**Scholarly Communication**

- a. Review and synthesize relevant technology management literature.
- b. Write business plans, technical reports, memos, and other documents commonly used in technology management.
- c. Cogently summarize technical research and clearly state the relevance of that research for non-specialist stakeholders and general audiences.
- d. Deliver presentations to large and small groups that are persuasive and of professional quality.

**Professionalism**

- a. Manifest leadership in the technology management through formal roles and initiatives.
- b. Formulate a business plan to create a new venture.
- c. Engage in effective project management.

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d. Make effective contributions to teams.
e. Develop and sustain strong professional relations with colleagues, professional associates, and customers.
f. Complete assigned tasks and participate in business processes in ways that satisfy employers/colleagues, investors, and customer needs.