

Technology Management, MS

College of Science and Technology

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The Master of Science in Technology Management (MSTM) program provides graduate level education for highly motivated professionals concerned with the supervision of personnel across the technical spectrum and a wide variety of complex technological systems. Graduates of this program play leadership roles involving technology innovation, development and deployment of new technologies across a broad spectrum of industries, and decision-making to improve business performance. The program also offers a Professional Science Masters (PSM) concentration in Construction Science and Management (CSM). The PSM-CSM concentration is for professionals to take leadership roles in the construction industry.

Program Outcomes

- Communication: Graduating students will exhibit effective written and oral communication skills appropriate for professionals in technology management.
- Critical Thinking: Graduating students will effectively use quantitative and qualitative analytical problem-solving skills in technology management.
- Disciplinary Expertise: Graduating students will demonstrate a level of discipline-specific knowledge, skills, and professionalism in technology management.

Research/Creativity: Graduating students demonstrate ability to engage productively in the review and conduct of disciplinary research in technology management.

Degree Requirements

Total credit hours: 30

- Core courses (9 credit hours): MSTM 701, 703, 704

Thesis option (15 hours of courses and 6 hours of MS thesis)

- 15 Hours of Electives from MSTM or AET graduate level courses, or other relevant graduate level courses from other departments/colleges (with approval of the advisor and the Graduate Coordinator).
- 6 Hours of Thesis: MSTM 797
- Pass thesis defense and submit the thesis

Non-thesis option (21 hours of courses)

- 21 Hours from MSTM or AET graduate level courses, or other relevant graduate level courses from other departments/colleges (with approval of the advisor and the Graduate Coordinator).

PSM-CSM Concentration Degree Requirements

Total credit hours: 30

- 9 Hours of Program Core: MSTM 701, 703, 704
- 12 Hours of CSM professional core from: CM 679, 708, 710; LAND 682
- 6 Hours of business/management Electives from: CM 692, 764, 768; MGMT 712 or other relevant graduate level courses from other departments/colleges (with approval of the advisor and the Graduate Coordinator).
- 3 Hours of Internship MSTM 784 or Project MSTM 796