

Technology Management

Introduction

Master of Science Degree This program provides educational experiences that prepare graduates for management and staff positions in business and industry. The program will prepare students for advanced leadership positions that involve planning, organizing, and implementing technological systems in today's global business and technical environments. Students select a technical specialty area depending on their professional goals, educational background and available faculty expertise. Technical specialties such as Production Operations, Quality Management, Graphic Communications, Packaging, or Telecommunication Systems, Quality Management, Industrial Engineering Technology, Production Operations, Information Technology, Packaging, and Supply Chain Management may be developed. Learning experiences in the immediate professional setting include advanced technical problems and the field project.

Admission

To be admitted with full status to this program, the applicant must hold a bachelor's degree from an accredited college, have an overall grade point average of at least 2.75 and have the equivalent of two years of appropriate work or military experience. Applicants who have an overall grade point average ranging from 2.5 to 2.75 may be considered for probationary admission if other requirements are met.

Prerequisite courses may be prescribed upon evaluation of undergraduate transcripts if the student does not have a strong background in production management, financial and cost accounting, engineering economy, statistics and a technical area.

Primary Evaluation Processes

The primary processes used to evaluate program and academic progress include course grades, research evaluation, certification of program completion, and the following program specific processes: program application; self assessment; degree candidacy; and intent to graduate.

Requirements

The requirements for this degree include: (a) completion of at least 30 semester hours of graduate credit with an overall graduate grade point average of 3.0 or better, a minimum of 15 credits must be in courses open only to graduate students — 700 level; (b) approval for degree candidacy at the appropriate time; and (c) a course distribution as outlined here:

Professional Foundations

16 credits

BUMGT-760	Corporate Planning	2
INMG-700	Organizational Research Methods	3
INMG-705	Enterprise Resource Planning	3
INMG-710	Seminar in Industrial Operation	2
INMG-740	Introduction to Decision Theory	3
INMG-7XX	Program Management	3

Leadership

Minimum of 2 credits

BUINB-688	International Business Practicum	3
INMG-600	Organizational Leadership	3
INMG-616	People, Process, Organization Culture	2
INMG-630	Employee Involvement: Work Teams	2
INMG-750	Organizational Development	3
RC-781	Risk Management Applications	3
TRHRD-560	Training Systems in Business and Industry	3

Technical Specialty

Minimum of 8 credits

Students select a technical specialty area depending on their professional goals, educational background and available faculty expertise. The courses within the technical specialty area are selected with the advisement of the program director. Specialties are developed to meet changing business and industrial needs.

Research

Minimum of 2 credits

INMG-735	Problems in Management Technology	2-4
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