



The Master of Science in Operations Management (MSOM) degree at Lawrence Technological University combines real-life learning with a strong theoretical knowledge base in both operations and high-level management. This unique program is designed for working professionals in such fields as manufacturing, construction, health care, technology services, retail sales, nonprofit services, and government service who are seeking to enhance their skills in the management of capital and technological and human resources.

Successful managers in the 21st century need more than just knowledge of business management. They must also possess an understanding of organizational behavior and how organizations interact with the society

around them. Lawrence Tech's MSOM program offers an innovative approach to management education that uses team-oriented learning situations, with an emphasis on case studies, to link theory with practice.

This accelerated program, which can be completed in as little as 18 months, prepares students to participate as highly skilled members of a professional operations management team or to function as high-level project managers for consulting firms, start-up companies, or large-scale construction projects.

Master of Science in Operations Management

Overview

The MSOM degree offers concentrations in Manufacturing Operations, Service Operations, and Project Management at our Southfield campus. Tailored programs are delivered at off-campus Education Centers.

The MSOM curriculum consists of 30 hours of coursework, including 21 hours of core courses, six hours of electives in the student's chosen concentration, and the capstone course (three hours) specific to that concentration. Students must also complete a statistics course (applicants with strong undergraduate work in statistics may have this requirement waived).

An overall grade point average (GPA) of 3.0 is required for graduation.



College of Management

Lawrence Tech offers over 50 undergraduate, master's, and doctoral programs in Colleges of Architecture and Design, Arts and Sciences, Engineering, and Management.

Coursework

Pre-Core Requirement

Statistics

Core Courses

Foundations of Business

Leadership and Management

Management Science

Operations Management

Management Information Systems

Enterprise Integration

Strategic Quality Management

Concentrations (Two Courses)

Manufacturing Operations

Management Accounting and Control Systems

Materials, Processes, and Facilities Management

Discrete Simulation

Topics in Operations Management (Manufacturing)

Service Operations

Service Systems Design

Customer Relationship Management

Applications of Queuing Theory

Topics in Operations Management (Service)

Project Management

Project Management

Project Risk and Project Quality Management

Managing the Project Organization

Topics in Operations Management (Project Management)

Capstone

Admission

Applicants are expected to be either currently employed or have work experience and must meet the following criteria:

- Hold a baccalaureate degree or equivalent from an accredited institution.
- Have earned a GPA of 3.0 or higher for the last 60 hours of undergraduate work (applicants with a GPA of less than 3.0 may be provisionally admitted with a strong record of relevant work experience).
- Applicants whose native language is not English must have a Test of English as a Foreign Language (TOEFL) score of at least 550 (applicants with scores below 550 may be provisionally admitted and required to take additional ESL training).

The MSOM program can be entered in the fall, spring, or summer semester.

Submit the following to apply:

- Completed and signed application form
- Resume
- Official transcript from every college or university attended
- Application fee
- Results of the TOEFL (this requirement is waived for international students holding degrees from colleges or universities in countries where English is the native language).



Lawrence Tech is accredited by The Higher Learning Commission and a member of the North Central Association. The College of Management has business accreditation from IACBE and ACBSP.

Why Lawrence Tech?

- Highly qualified faculty with real-world savvy
- Small classes (student-teacher ratio is 12:1)
- Convenient evening and weekend courses

Why the College of Management?

- We strive to be the leader in management programs for the non-traditional learner.
- We are committed to improving the quality of organizational life tomorrow by developing visionary leaders and managers today.
- We work to provide our students with convenient learning centers, enhanced personal services, innovative programs, and alternative modes of instruction.

Why the MSOM?

- The service sector now comprises 70 percent of all U.S. businesses, making expertise in customer relationship management essential.
- The global manufacturing industry demands enhanced leadership and communication skills.
- Cross-functional teams are needed to lead and manage diverse projects within organizations.

LAWRENCE
TECHNOLOGICAL
UNIVERSITY®

The Future in the Making

Office of Admissions
21000 West Ten Mile Road
Southfield, MI 48075-1058

800.CALL.LTU, ext. 1
248.204.3160
Fax: 248.204.3118
admissions@ltu.edu
www.ltu.edu