MASTER OF SCIENCE IN
INFORMATION SYSTEMS

ACCELERATE YOUR KNOWLEDGE

COLLEGE OF MANAGEMENT
WHERE DO GREAT DECISIONS COME FROM?

The intersection of relevant technical information and solid business knowledge.

It’s an information-driven world – and the next wave of global computer technology is approaching at warp-speed. Rapid and reliable data communication is the lifeblood of today’s globally integrated companies.

Fueling your career trajectory means connecting your technical expertise with business-skill proficiency to create change in your organization on a worldwide scale. The College of Management’s Master of Science in Information Systems (MSIS) delivers the next-stage knowledge and expertise required to advance your career, broaden your options, and excel in the dynamic field of information systems, where employment forecasts are for rapid growth – as much as 26 percent by 2016.

The program curriculum provides the knowledge you need to interact with finance, engineering, manufacturing, logistics, and other business functions – and enhances your understanding of advanced information technology concepts and systems. You’ll learn how to test your innovative ideas about information and data transfer on a larger scale, across systems, or even globally. Three leading-edge concentrations are available: enterprise resource planning, enterprise security, and project management.

As a qualified information technology professional you will continue to be in great demand. The MSIS degree from Lawrence Technological University will position you as a catalyst for great decision-making and take you even higher on the rising employment curve.

THE MASTER OF SCIENCE IN INFORMATION SYSTEMS:

- Positions you to excel in a growth industry.
- Allows professionals contemplating a career transition to develop expertise in information systems and business management simultaneously.
- Gives you options to customize your degree through electives and concentrations.
- Provides you with the tools necessary for engagement and management of analysis, modeling, design, implementation, and service delivery of information systems.
- Expands your expertise to include planning and development of entire systems.
- Offers online, hybrid, and on-ground learning options.

“*My primary focus is to provide you with any assistance you may need to achieve your academic goals*”

Mina Jena, SRM Advisor
DEGREE REQUIREMENTS AND PREREQUISITES
for the Master of Science in Information Systems

Foundation Course Work (0-8 credits)*
- MGT5012 Business Applications of Statistical Analysis
- MIS5023 Modern Business Application Programming
- MIS6013 Information Systems and the Enterprise

Core Courses (21 credit hours)
- MGT6163 Business for IT Professionals
- MIS7643 Enterprise Integration
- HRM6033 Leading Organizational Change
- MGT6013 Leadership and Leadership Development
- MIS6113 Database and Enterprise Models
- MIS6123 Analysis and Design of Complex Systems
- MIS6143 IT Infrastructure
- MGT6153 Project Management
- MIS7593 Managing Information Technology

Concentrations/Electives (9 credit hours)**

Enterprise Resource Planning
- MIS7543 Business Process Modeling
- MIS7513 Business Intelligence and Data Mining
- MIS7623 Data Warehousing-Analyses, Design and Management

Enterprise Security Management
- MIS7223 Enterprise Systems Security
- MIS7233 Network Security
- MIS7243 Disaster Recovery and Business Security

Project Management
- HRM6133 Managing Project Organization
- MGT6223 Project Risk and Quality Management
- MIS6253 Managing Outsourced Projects
- MGT6213 Directed Study/Project Management

Open Electives
Students with an advisor’s permission may create a personalized concentration.

*May be required.
**Students may take electives from any of the above or from any other graduate program with permission of an academic advisor.

The program at Lawrence Tech has strengthened my knowledge of information systems giving me the capability of managing application development and database groups. The program has given me a more thorough understanding of project management.

Julie Fegan, MSIS student and IT Manager, Compuware Corporation

Cultivating global thinkers and leaders

The College of Management at Lawrence Technological University has a 70-year tradition of developing global thinkers and leaders. We are committed to educating students who will advance a more humane and sustainable world community.

The College of Management offers:
- Faculty who serve as mentors and work with you on-on-one to help develop your leadership capabilities and critical thinking skills.
- A Student Relationship Management team that helps you plan your academic program and achieve your professional goals.
- The Center for Global Leadership and Understanding, which gives you the opportunity to meet the economic, political, social, cultural, and humanitarian challenges of the 21st century global economy.
- An excellent reputation and full accreditation through the North Central Association, the Association for Collegiate Business Schools and Programs, and the International Assembly of Collegiate Business Education.

Admission requirements
- To be eligible for the Master of Science in Information Systems program, you should have a bachelor's degree or equivalent from an accredited institution with a GPA of 3.0 or higher for the last 60 hours of course work.
- A GMAT is not required if you have a GPA of 3.0 or higher. If you do not meet the GPA requirement, a GMAT score or other assessment tool may be required.
- A professional resume showing your work experience and education history.
Center for Global Leadership and Understanding
The College of Management’s Center for Global Leadership and Understanding helps prepare business, political, and social leaders for this very different world. Defining the knowledge and experience required for effective global leadership remains a vexing problem for both business and academia, but most agree that the challenges of the 21st century require leaders who can:
- Understand the multiple dimensions and strategic implications of globalization.
- Think globally and value cultural diversity as a competitive advantage.
- Create global alliances, partnerships, and new organizational forms.
- Share leadership responsibilities.
Lawrence Tech’s College of Management is committed to helping leaders develop the skills they need to be competitive and effective in a rapidly changing global environment. An advisory board of international business leaders and experts has been instrumental in developing the center’s three core areas – education, research, and outreach.
To become a member or to learn more, contact the Center for Global Leadership and Understanding at 248.204.3050, globalleaders@ltu.edu, or ltu.edu/management/ctrgloballeadership.asp.

Center for Nonprofit Management
The size of the United States nonprofit workforce has dramatically increased over the last two decades, and social entrepreneurs are an emerging force for social change in the U.S. and across the globe. The College of Management’s Center for Nonprofit Management seeks to meet this growing need for knowledge and skills and serves as a focal point for people seeking to pursue professional careers in the nonprofit sector. The center offers:
- Graduate Certificate in Nonprofit Management and Leadership.
- MBA with a concentration in nonprofit management.
- 100 percent online options for both the nonprofit certificate and degree.
- Seminar and workshops on building the capacity of nonprofits.
- Networking opportunities regarding nonprofit careers.
Are you ready to expand your career options?
Contact a student relationship advisor by calling 248.204.3050 or email mgt-srm@ltu.edu. For additional information about admission, tuition, or financial aid, visit ltu.edu/management.

"Your career development is a lifelong process. We can help you explore, evaluate, and expand your options." Peg Pierce, Director, Career Services

The College of Management offers a full range of forward-thinking, globally focused business degrees.

Bachelor’s
- Business Management
- Information Technology

Graduate Certificates
- Health Information Technology Management
- Information Assurance Management
- Interdisciplinary Sustainability
- Nonprofit Management and Leadership
- Project Management

Master’s
- Business Administration
- Information Systems
- Global Operations and Project Management
- Dual Degrees

Doctoral
- Doctor of Business Administration
- Doctor of Management in Information Technology

The College of Management delivers forward-thinking business management programs that give students the knowledge they need to become global thinkers and leaders.