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. If you choose the newest information systems concentration, health information technology management, you will gain in-depth knowledge of healthcare clinical applications, healthcare laws and regulations, healthcare financial management, and important new technologies. As a qualified information technology professional you will continue to be in great demand. The MSIS degree from Lawrence Technological University will help you advance your career and position you as a catalyst for great decision-making.

THE MASTER OF SCIENCE IN INFORMATION SYSTEMS:

- Allows professionals contemplating a career transition to develop expertise in information systems and business management simultaneously.
- Includes your choice of four leading edge concentrations: health IT management, enterprise resource planning, enterprise security, and project management.
- 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
Management
Core Courses (21 credit hours)
MGT6163  Business for IT Professionals
or
MIS7643  Enterprise Integration
HRM6033  Leading Organizational Change
or
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

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

*May be required.

Concentrations/Electives (9 credit hours)**

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

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

Health Information Technology Management Curriculum***
HTM5023  Healthcare Applications Software Systems, Enterprise Data Management, and Solutions, High Availability
HTM5033  Health IT Systems Development, Emergent Technology, Risk Management, and E-Strategy
HTM5043  Healthcare Laws, Regulations, and Management
HTM5053  Healthcare Economics, Finance, and Project Due Diligence

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

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

**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 one-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.
- 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.
- For a complete list of admission requirements, please visit ltu.edu/management.

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
- Nonprofit Management
- Project Management
- Information Assurance Management

Master's
- Business Administration
- MBA International
- Information Systems
- Global Operations and Project Management
- Dual Degrees

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

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.

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

“Your career development is a lifelong process. We can help you explore, evaluate, and expand your options.”

Peg Pierce, director of career services