

Master's Degree Program

# INFORMATION SYSTEMS MANAGEMENT

Concentrations: **Data Administration and Management, Information Security, Project Management**

## ABOUT THIS DEGREE PROGRAM

The Master of Information Systems Management program (Master of Science in Information Systems Management program in New York), taught from a practitioner perspective, focuses on applying IS concepts and skills to real-world situations, enabling students to understand and evaluate technology applications and alternatives.

The MISM program requires successful completion of 45 semester-credit hours. This flexible program enables students to select a concentration that serves their professional and personal interests beyond what the core courses cover. Total program length varies based on the number of courses taken per eight-week session.

### Concentrations offered within the MISM degree program:

- Data Administration and Management
- Information Security
- Project Management

## KNOWLEDGE AND SKILLS

- Developing and enhancing the business, technical and management skills students need to function effectively as IS managers.
- Enabling students to identify opportunities to use information systems to an organization's strategic and competitive benefit.
- Providing critical learning tools for application development, operational effectiveness, information asset management and decision making.
- Preparing students to analyze and design computer/network-based applications of information technology and manage IS resources.
- Developing project management skills needed to lead projects and execute project tasks with respect to information systems.

## CORE-DEGREE COURSEWORK

**ALL**  
of these  
courses

ACCT504	Accounting and Finance: Managerial Use and Analysis
HRM587	Managing Organizational Change
MGMT591	Leadership and Organizational Behavior
MIS535	Managerial Applications of Information Technology
MIS581	Systems Analysis, Planning and Control
MIS582	Database Concepts
MIS589	Networking Concepts and Applications
MIS600	Information Systems Capstone
NETW583	Strategic Management of Technology
PROJ586	Project Management Systems
SEC571	Principles of Information Security and Privacy

## CONCENTRATION

The Master of Information Systems Management degree program can be enhanced with one of three concentrations, with which students can tailor their learning to match their professional interests and goals. Students not wishing to pursue a focused concentration must pursue a general studies concentration by choosing any four courses from those listed in the concentration areas on the following pages.

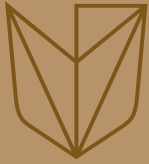
## DID YOU KNOW?

Keller's Master of Information Systems Management program has achieved voluntary accreditation from the Accreditation Council for Business Schools and Programs (ACBSP, [www.acbsp.org](http://www.acbsp.org)), demonstrating that it has met the standards of business education that promote teaching excellence.



The Master of Information Systems Management program, when completed with a concentration in project management, is accredited by the Project Management Institute's Global Accreditation Center for Project Management Education Programs (PMI/GAC). More information is available via [www.pmi.org](http://www.pmi.org).

Programs, course requirements and availability vary by location. Some courses may be available online only. All students enrolled in site-based programs will be required to take some coursework online and, for some programs and locations, a substantial portion of the program may be required to be completed online. Keller's academic catalog, available via [keller.edu/catalogs](http://keller.edu/catalogs), contains the most current and detailed program information, including admission, progression and graduation requirements. Information contained herein is effective as of date of publishing.



# Master's Degree Program | Information Systems Management

CONCENTRATIONS: DATA ADMINISTRATION AND MANAGEMENT, INFORMATION SECURITY, PROJECT MANAGEMENT

## DATA ADMINISTRATION AND MANAGEMENT CONCENTRATION

Keller's MISM program with a concentration in Data Administration and Management includes coursework that examines the managerial concepts and tools for systems development, implementation, management and security, as well as database concepts, components and management issues.

Graduates of this program may consider careers in the areas of information systems management or database administration and management.

### CONCENTRATION-SPECIFIC COURSES

- MIS561 Database Administration and Management
- MIS562 Database Programming and Applications
- MIS563 Business Intelligence Systems
- MIS564 Enterprise Data Management and Administration

ALL of these courses

## INFORMATION SECURITY CONCENTRATION

Keller's MISM program with a concentration in Information Security curriculum covers managerial concepts and tools for systems development, implementation, management and security, as well as an examination of database concepts, components and management issues.

Graduates of this program may consider career fields such as data security analysis and management or information systems security analysis, to name a few.

### CONCENTRATION-SPECIFIC COURSES

- SEC572 Network Security
- SEC573 E-Business Security
- SEC574 Database Security
- SEC575 Information Security Law and Ethics
- SEC576 Risk Mitigation and Contingency Planning
- SEC577 Cryptography and Security Mechanisms
- SEC578 Practices for Administration of Physical and Operations Security
- SEC579 Security in Systems Architecture and Applications
- SEC591 Disaster Recovery/Forensics and Security
- SEC592 IT Governance

4 of these courses

## PROJECT MANAGEMENT CONCENTRATION

Keller's MISM program with a concentration in Project Management curriculum includes managerial concepts and tools for systems development, implementation, management and security, as well as examines database concepts, components and management issues.

Graduates of this program may consider careers related to managing IT projects.

### CONCENTRATION-SPECIFIC COURSES

- GSCM588 Managing Quality
- PROJ584 Managing Software Development Projects
- PROJ587 Advanced Program Management
- PROJ591 Sustainability Project Management
- PROJ592 Project Cost and Schedule Control
- PROJ595 Project Risk Management
- PROJ598 Contract and Procurement Management
- PROJ605 Advanced Project Management Practices and Professional Exam Preparation

4 of these courses

For comprehensive consumer information, visit [keller.edu/studentconsumerinfo](http://keller.edu/studentconsumerinfo). Important information about the education debt, earnings and completion rates of students who attended this program can be found at [keller.edu/mism-ge](http://keller.edu/mism-ge).

In New York, DeVry University operates as DeVry College of New York. DeVry University is accredited by The Higher Learning Commission (HLC), [www.hlcommission.org](http://www.hlcommission.org). Keller Graduate School of Management is included in this accreditation. DeVry is certified to operate by the State Council of Higher Education for Virginia. Arlington Campus - 2450 Crystal Dr., Arlington, VA 22202. DeVry University is authorized for operation by the THEC, [www.tn.gov/thec](http://www.tn.gov/thec) Nashville Campus - 3343 Perimeter Hill Dr., Nashville, TN 37211. To report unresolved complaints to the Illinois Board of Higher Education, visit their webpage at <http://complaints.ibhe.org/> or by mail to the Illinois Board of Higher Education, 1 N. Old State Capitol Plaza, Suite 333, Springfield, IL 62701-1377. Program availability varies by location. ©2016 DeVry Educational Development Corp. All rights reserved. Version 2/17