

Master's Degree Program INFORMATION SYSTEMS MANAGEMENT

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

[for Pennsylvania residents]

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.

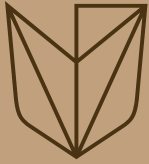
DID YOU KNOW?

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), 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.

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, 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. Important information about the education debt, earnings and completion rates of students who attended this program can be found at 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. 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/thecc 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