



Master's Degree Program

INFORMATION SYSTEMS MANAGEMENT

Concentrations: **Information Security**

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

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.

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.

ACCREDITATION MATTERS

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.

CORE-DEGREE 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
NETW583*	Strategic Management of Technology
PROJ586	Project Management Systems
SEC571*	Principles of Information Security and Privacy

CONCENTRATION-SPECIFIC COURSES (4 OF THESE 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

CAPSTONE

MIS600	Information Systems Capstone
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* Earn your master's and get a Graduate Certificate along the way. These six courses make up the Information Security Graduate Certificate, which is embedded in this program, allowing you to leave with two credentials in one.