

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 semestercredit 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

**KELLER**GRADUATE SCHOOL OF MANAGEMENT

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

\* 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.

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. A Hington Campus - 2450 Crystal Dr., Arlington, VA 22202. DeVry University is authorized for operation by the THEC. www.tnacov/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 https://complaintsib.hcorg/ or by mail to the Illinois Board of Higher Education, 1N. Old State Capitol Plaza, Suite 333, Springfield, IL 62701-1377. 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 kelleredu/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. ©2017 DeVry Education Group. All rights reserved. Version 11/06/17

