

# INFORMATION SYSTEMS MANAGEMENT

Concentration: Information Security



## ABOUT THIS PROGRAM

### A PROGRAM TO FUEL YOUR FUTURE

DeVry University's Keller Graduate School of Management Master of Information Systems Management with a concentration in Information Security program focuses on managerial concepts and tools for systems development, implementation, management and security, as well as examination of database concepts, components and management issues.

When you choose to pursue the information security concentration, specialized coursework helps you to develop technical knowledge in key areas of information security, including how to protect customer privacy, conduct e-commerce securely and respond to cyber attacks, data breaches and natural disasters. Students will learn to create and implement IT policies and procedures that support business objectives through the secure and efficient use of network technology.

### CAREER OPPORTUNITIES

Graduates of DeVry's Information Systems Management master's degree program with a concentration in Information Security may consider, but are not limited to, careers such as the following:

- Data Security Analyst
- Data Security Manager
- Network and Computer Systems Administrator
- Cybersecurity Administrator
- Information Security Officer
- Information Security Administrator

## QUICK FACTS

**45**  
CREDIT HOURS  
minimum credit hours  
required for graduation

**15**  
COURSES

**TWO  
IN  
ONE**

### EMBEDDED PROGRAM

Keller offers a unique 2-in-1 design that allows our AI and Business Analytics Graduate Certificate program to be embedded within our Master of Information Technology Management with an emphasis in Business Analytics, giving you the chance to earn your certificate on the way to your Master's Degree.<sup>1</sup>




### 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](http://www.acbsp.org)), demonstrating that it has met the standards of business education that promote teaching excellence.

**ACCELERATED  
SCHEDULE\***

**1 year  
4 months**




**Average 10 credits  
per semester**

OR

**NORMAL  
SCHEDULE\*\***

**2 years  
6 months**



**Average 6 credits  
per semester**

### ACCELERATE ON YOUR SCHEDULE

Choose the schedule that best fits your goals and commitments. With at least **9 credit hours**, of qualifying Prior Learning Credit and an accelerated schedule, you can earn your **Master's Degree** in as few as **1 year 4 months**.

Or, follow a normal schedule and complete your program in 2 years 6 months.

\*Accelerated time to complete requires at least 9 credit hours of Prior Learning Credit. Assumes completion of 3 semesters, enrollment in an average of 10 credit hours per semester and continuous, full-time year-round enrollment with no breaks per 12-month period.

\*\*Normal time does not include breaks and assumes 3 semesters of year-round, full-time enrollment in an average of 6 credit hours per semester per 12-month period.

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## PROGRAM

### PROGRAM CORE

HRM587	Managing Organizational Change
LEAD570:	Leadership in the Age of AI
MATH534*	Applied Managerial Statistics
MGMT591	Leadership and Organizational Behavior
MIS540*	Innovation Through Technology
PROJ586	Project Management Systems

### TECHNOLOGY CORE

MIS581*	Systems Analysis, Planning and Control
MIS582*	Database Concepts
MIS601	Technology Management Capstone
NETW540	Networking Concepts
SEC571*	Principles of Information Security and Privacy

### CONCENTRATION

#### Information Security

SEC572	Network Security
SEC585	Data Privacy and Security
SEC586	Cybersecurity Planning and Incident Response
SEC587	Governance, Regulation and Compliance

\*Students may be eligible to waive up to five courses (15 credit hours) upon review of their undergraduate degree. Course waiver availability varies by location. See Course Waivers for details.

## WHAT YOU'LL LEARN

### PROGRAM CORE & TECHNOLOGY CORE

- Develop and enhance business, technical and management skills needed to function effectively as IS managers.
- Develop strategies for implementing and managing organizational change.
- Deploy information systems to an organization's strategic and competitive benefit and apply relevant tools for application development, operational effectiveness, information asset management and decision-making.
- Examine how network applications are used to accomplish a business objective.
- Analyze and design computer/network-based applications of information technology and manage IS resources.
- Understand the components of modern databases utilized in the management of technology and establish and deploy parameters to meet the needs of an organization.
- Understand the principles of information security and data privacy and develop and deploy information security policies and procedures.
- Develop and demonstrate project management skills needed to lead projects and execute project tasks with respect to information systems.

### CONCENTRATION

- Assess and apply opportunities to improve an organization's cybersecurity practices.
- Evaluate organizational cybersecurity risks, and plan risk mitigation actions.
- Evaluate disaster recovery processes, and propose procedures and guidelines to safeguard the organization's technology assets.

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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](https://www.hlcommission.org). The University's 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: 1400 Crystal Dr., Ste. 120, Arlington, VA 22202. DeVry University is authorized for operation as a postsecondary educational institution by the Tennessee Higher Education Commission, [www.tn.gov/thec](https://www.tn.gov/thec). Lisle Campus: 4225 Naperville Rd., Ste. 400, Lisle, IL 60532. Unresolved complaints may be reported to the Illinois Board of Higher Education through the online complaint system <https://complaints.ibhe.org/> or by mail to 1 N. Old State Capitol Plaza, Ste. 333, Springfield, IL 62701-1377. Program availability varies by location. In site-based programs, students will be required to take a substantial amount of coursework online to complete their program. ©2024 DeVry Educational Development Corp. All rights reserved. Version 11/18/2024

