

# INFORMATION TECHNOLOGY MANAGEMENT

Concentration: Information Security



## ABOUT THIS DEGREE PROGRAM

### A PROGRAM TO FUEL YOUR FUTURE

DeVry University's Keller Graduate School of Management Master of Information Technology Management with an emphasis in Information Security can help you gain skills in management and help improve your technical knowledge of information systems and networking technologies. You may learn how to apply this knowledge in real-world situations and to recognize opportunities where technology can provide a strategic benefit to businesses.

Prepare to manage the safeguarding of sensitive information through controlled information access. Learn how to implement defensive measures like firewalls and anti-malware software to protect customer and company data. You'll also see how setting user permissions and company protocols can help protect information just as much as cutting-edge defensive software.

## CAREER OPPORTUNITIES

Graduates of DeVry University's Keller Graduate School of Management Master of Information Technology Management may consider, but are not limited to, the following careers:

- Computer and Information Systems Manager
- Network Systems and Data Communications Analyst
- Database Manager

## QUICK FACTS

**13**  
COURSES

**8**  
WEEK SESSIONS

**6**  
SESSIONS  
PER YEAR

### MASTER'S ADVANTAGE

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If you've earned an undergraduate degree in Business, Technology or a degree with a technology specialization you may be eligible to waive up to three courses (or nine credit hours). We call this our Master's Advantage. With these course waivers<sup>1</sup>, you can earn your graduate degree with fewer courses, allowing you to put master's degree to work for you even sooner.

### TWO IN ONE

### EMBEDDED PROGRAM

DeVry offers a unique 2-in-1 design that allows our Information Security Graduate Certificate to be embedded within our Master's Degree in Information Technology Management with a concentration in Information Security, giving you the chance to earn your certificate on the way to your Master's Degree.

### FLEX 2 FIT

### FLEXIBILITY TO FIT YOUR LIFE

Whether you're balancing a job, family duties, or both on top of your studies, Keller's flexible learning options allow you to tailor your experience to fit your life – and your professional goals. Study 100% online or take classes at one of our campus locations with our hybrid format. Classes start every 8 weeks, so you can advance your education when and where it makes sense for you.

<sup>1</sup>Eligibility and application of course waivers varies based on the type of course waiver credit earned, the student's enrolled location and/or the student's state of residence. For more information, please refer to the Course Waiver section of the Keller academic catalog.

## PROGRAM

### PROGRAM CORE

MGMT501	Organizational Structures and Business Processes
MIS525	Essentials of Information Systems and Programming
MIS540	Innovation through Technology
NETW583	Strategic Management of Technology

### TECHNOLOGY CORE

MIS581	Systems Analysis, Planning and Control
MIS582	Database Concepts
MIS589	Networking Concepts and Applications
MIS601	Technology Management Capstone
SEC571	Principles of Information Security and Privacy

### CONCENTRATION

SEC572	Network Security
SEC573	E-Business Security
SEC591	Disaster Recovery/Forensics and Security
SEC592	IT Governance

## WHAT YOU'LL LEARN

### PROGRAM CORE

- Integrate managerial and technical skills to determine cost, improve customer service and boost operating efficiencies
- Explore the alignment of organizational vision with structure, processes and culture
- Examine the inter-and intra-personal dynamics as they affect achievement of corporate goals
- Identify opportunities for technology innovation
- Employ information systems to an organization's strategic and competitive benefit
- Manage projects and execute project tasks with respect to information systems

### TECHNOLOGY CORE

- Leverage systems analysis, planning and control in operations
- Describe organizational database needs
- Examine applied network configurations
- Apply information security and privacy principles

### CONCENTRATION

- Manage configuration of secured networks
- Apply computer forensics and disaster recovery protocols
- Establish IT governance policy and regulations

\*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.

\*\* 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 above. All students must declare either a focused or general studies concentration prior to graduation.

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For comprehensive consumer information, visit [devry.edu/studentconsumerinfo](https://www.devry.edu/studentconsumerinfo). Important information about the education debt, earnings and completion rates of students who attended this program can be found at <https://www.devry.edu/compliance/ge/masters-information-technology-management-consumer-info.html>. For additional program information, visit <https://www.devry.edu/online-programs/masters-degrees/information-technology-management.html>.

In New York, DeVry University operates as DeVry College of New York. DeVry University is accredited by The Higher Learning Commission (HLC), <https://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: 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, <https://www.tn.gov/thecc>. Nashville Campus: 301 S. Perimeter Park Dr., Ste. 100, Nashville, TN 37211. 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. DeVry's academic catalog, available via <https://www.devry.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. ©2022 DeVry Educational Development Corp. All rights reserved. Version 4/5/22