MASTER'S DEGREE PROGRAM | TECH

# 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:

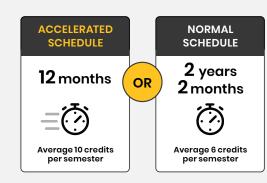
- Computer and Information Systems Manager
- Network Systems and Data Communications Analyst
- · Database Manager

# **QUICK FACTS**



#### **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.



#### ACCELERATE AT YOUR PACE

Choose the schedule that best fits your goals and commitments. With at least **9 credit hours**, of qualifying Prior Learning Credit and an accelerated pace, you can earn your **Master's Degree** in as few as **12 months**.

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

Assumes continuous, year-round enrollment with no breaks



# Information Technology Management | Information Security

## **PROGRAM**

#### **PROGRAM CORE**

MATH534 Applied Managerial Statistics

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

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For comprehensive consumer information, visit 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.





<sup>\*</sup>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.