

# NETWORK AND COMMUNICATIONS MANAGEMENT

Concentration: Information Security



## ABOUT THIS DEGREE PROGRAM

### A PROGRAM TO FUEL YOUR FUTURE

DeVry University's Keller Graduate School of Management Master's of Network and Communications Management with a concentration 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's Network and Communications Management master's degree program with a specialization in Information Security may consider, but are not limited to, careers such as the following:

- Network and Computer Systems Administrator
- Computer Network Support Specialist
- Information Security Analysts
- Cybersecurity Analyst
- Compliance Analyst
- Penetration Tester

## QUICK FACTS



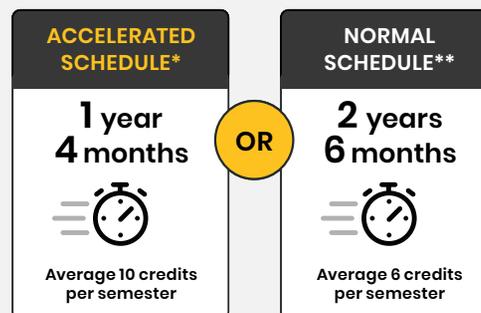
### ACCREDITATION MATTERS

Keller's Master of Network and Communication 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.



### EMBEDDED PROGRAM

DeVry offers a unique 2-in-1 design that allows our Cybersecurity and Information Assurance Graduate Certificate program 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.<sup>1</sup>



## 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 pace, 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 schedule 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 schedule 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.

<sup>1</sup> Future programmatic changes could impact the ability to earn additional credentials en route to an eligible degree program. Refer to the academic catalog for details.

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### PROGRAM

#### PROGRAM CORE

HRM587	Managing Organizational Change
LEAD570	Leadership in the Age of AI
MATH534	Applied Managerial Statistics
MIS540	Innovation through Technology
NETW540	Networking Concepts
PROJ586	Project Management Systems

#### TECHNOLOGY CORE

MIS548	AI Applications for Business
MIS601	Technology Management Capstone
NETW584	Telecommunications Law and Regulation
NETW585*	Network Design and Management
SEC572*	Network Security

#### CONCENTRATION

SEC571	Principles of Information Security and Privacy
SEC585	Data Privacy and Security
SEC586	Cybersecurity Planning and Incident Response
SEC587	Governance Regulation and Compliance

### WHAT YOU'LL LEARN

#### PROGRAM CORE & TECHNOLOGY CORE

- Synthesize managerial and technical skills to develop, implement and oversee an organization's telecommunications infrastructure.
- 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.
- Integrate managerial and technical skills to determine cost, improve customer service and boost operating efficiencies.
- Employ communications and networking technology for the strategic benefit of an organization.
- Understand the principles of network security and develop and deploy security policies and procedures.
- Apply project management methodology in order to ensure greater success in project implementation in all functional areas.
- Utilize tools and strategies essential for leadership in the evolving age of artificial intelligence (AI) with real-world examples of innovative decision-making

#### 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.

\*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.

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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](http://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](http://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