ABOUT THIS DEGREE PROGRAM

A FOUNDATION IN TECHNOLOGY
This program is anchored with Tech Core, curriculum designed to help you build a foundation of interdisciplinary skills you’ll need for today’s Internet of Things (IoT) economy. You’ll learn relevant skills in operating systems, programming, hardware, connectivity and security – giving you a hands-on foundation in engineering technology, information technology and software and information systems.

A PROGRAM TO FUEL YOUR FUTURE
Learn protocols and techniques necessary to protect information from unauthorized access, distribution, disruption, use, destruction and / or modification. You’ll learn to understand how asset protection works in electronic and physical data storage.

IS THIS PROGRAM FOR YOU?
Interested in pursuing a career in computer information systems and working to protect sensitive and confidential information? Then this program may be the right fit for you.

CAREER OPPORTUNITIES
Graduates of DeVry’s Computer Information Systems degree program with a specialization in Information Systems Security may consider, but are not limited to, the following careers:

- Computer Systems Administrator
- Computer Systems Analyst
- Computer Programmer
- Computer Security Specialist
- Information Security Specialist/ Analyst
- Information Security Specialist

WHAT YOU’LL LEARN

ESSENTIALS
- Communicate methods and findings
- Collaborate in dynamic work environments
- Solve complex problems
- Analyze numerical data
- Apply appropriate technologies

TECH CORE
- Produce, secure, operate and troubleshoot small enterprise networks
- Network, secure and deploy digital devices and sensors into the IoT ecosystem
- Solve technical problems using an algorithmic approach and basic programming and coding methods
- Install and configure operating systems using command-line interface (CLI)

PROGRAM
- Use advanced programming techniques
- Develop applications
- Analyze and design software systems
- Develop web-based interfaces and designs

SPECIALIZED
- Identify and mitigate organization security issues
- Develop standards, policies and procedures
- Recognize security issues and deploy solutions
- Assess threats and develop countermeasures

QUICK FACTS

124 CREDIT HOURS
minimum credit hours required for graduation

32% GROWTH
nationally from 2018-2028 for Employment of Information Security Analysts

2 + 8 YEARS + MONTHS
minimum length to graduation

2-IN-1
Earn an extra credential with our unique 2-in-1 design. All courses in our Information Technology & Networking Associate degree are embedded within this program. So you can earn an associate degree on the way to your bachelor’s.

PORTABLE IoT KIT
You can simulate the Internet of Things (IoT) experience wherever you are. With our portable IoT Kit, you’ll get hands-on experience in how IoT technologies work in the real world. Your kit will include digital devices, sensors and other tools you will use to build relevant IoT systems.

CERTIFICATION EXAM REIMBURSEMENT
We reimburse qualified students up to $300 for the cost of one industry certification exam attempt across a wide range of fields.

1 127 for students enrolled at a Pennsylvania location
3 Not including breaks. Assumes year-round, full-time enrollment. Additional program information may be found at https://www.devry.edu/degree-programs.html.
Bachelor's Degree Program

Computer Information Systems | Information Systems Security

ESSENTIALS

COMMUNICATION SKILLS
ENGL112 Composition
ENGL135 Advanced Composition
ENGL216 Technical Writing
SPCH275 Public Speaking

HUMANITIES
ETHC232 Ethical and Legal Issues in the Professions
LAS432 Technology, Society, and Culture

SOCIAL SCIENCES
ECON312 Principles of Economics
SOCI185 Culture and Society
SOCI325 Environmental Sociology

MATHEMATICS AND NATURAL SCIENCES
MATH114 Algebra for College Students
MATH221 Statistics for Decision-Making
PHYS204 Applied Physics with Lab

PERSONAL AND PROFESSIONAL DEVELOPMENT
CARD405 Career Development
COLL148 Critical Thinking and Problem-Solving

1Students enrolled at a New Jersey location take ENGL108 in lieu of this course.
2Students enrolled at a Pennsylvania location must take HUMN451 as part of this requirement.
3Students enrolled at a Nevada location must take POLI332 in lieu of this requirement.

TECH CORE

SPECIALIZED

INFORMATION SYSTEMS SECURITY
SEC340 Business Continuity
SEC360 Data Privacy and Security
SEC370 Web Security
SEC440 Information Systems Security Planning and Audit

DEMONSTRATE SKILLS AT EVERY STEP

EMBEDDED PROGRAMS
Acquire two additional credentials with our unique 3-in-1 design. The courses in our Information Technology (IT) Essentials certificate and Information Technology and Networking associate degree are ingrained within this program. Giving you the chance to obtain a certificate and an associate degree on the road to your bachelors of Information Systems degree.

BACHELOR'S ASSOCIATE

CERTIFICATE

23 CREDIT HOURS

60 CREDIT HOURS

124 CREDIT HOURS

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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. Keller Graduate School of Management is included in this accreditation. DeVry University is authorized for operation as a postsecondary educational institution by the Tennessee Higher Education Commission, www.tn.gov/thec. Nashville Campus: 3343 Perimeter Hill Dr., 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 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. ©2020 DeVry Educational Development Corp. All rights reserved. Version 7/1/20