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 respond to and minimize damage from a cyberattack. You’ll also learn how a computer forensic team works to identify breaches and hacks, understand the source and recover assets.

IS THIS PROGRAM FOR YOU?

Want to pursue a career in computer information systems and interested in solving and responding to cybercrime? 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 Computer Forensics may consider, but are not limited to, the following careers:

- Computer/Digital Forensic Investigator
- Computer Systems Analyst
- Forensics Expert
- Computer Programmer
- Computer 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

- Understand legalities in a digital environment
- Investigate illegal and unethical activity
- Recognize security issues and deploy solutions
- Assess threats and develop countermeasures

QUICK FACTS

124 CREDIT HOURS

minimum credit hours required for graduation¹

9% GROWTH

nationally from 2018-2028 for Employment of Computer Systems Analysts²

2 + 8 YEARS + MONTHS

minimum length to graduation²

TWO
IN
ONE

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/online-programs.html.

DeVry University
### Bachelor's Degree Program

**Computer Information Systems | Computer Forensics**

#### ESSENTIALS

<table>
<thead>
<tr>
<th>Category</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMMUNICATION SKILLS</td>
<td>ENGL112 Composition, ENGL135 Advanced Composition, ENGL216 Technical Writing, SPCH275 Public Speaking</td>
</tr>
<tr>
<td>HUMANITIES</td>
<td>ETHC232 Ethical and Legal Issues in the Professions, LAS432 Technology, Society, and Culture</td>
</tr>
<tr>
<td>SOCIAL SCIENCES</td>
<td>ECON312 Principles of Economics, SOCS185 Culture and Society, SOCS325 Environmental Sociology</td>
</tr>
<tr>
<td>MATHEMATICS AND NATURAL SCIENCES</td>
<td>MATH114 Algebra for College Students, MATH1221 Statistics for Decision Making, PHYS204 Applied Physics with Lab</td>
</tr>
<tr>
<td>PERSONAL AND PROFESSIONAL DEVELOPMENT</td>
<td>CARD405 Career Development, COLL148 Critical Thinking and Problem Solving</td>
</tr>
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</table>

#### TECH CORE

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIES101 Introduction to Technology and Information Systems</td>
<td>2</td>
</tr>
<tr>
<td>CIES106 Introduction to Operating Systems</td>
<td>2</td>
</tr>
<tr>
<td>CIES110 Introduction to Programming</td>
<td>2</td>
</tr>
<tr>
<td>CIES114 Introduction to Digital Devices</td>
<td>2</td>
</tr>
<tr>
<td>NETW191 Fundamentals of Information Technology and Networking</td>
<td>2</td>
</tr>
<tr>
<td>NETW211 Fundamentals of Cloud Computing</td>
<td>2</td>
</tr>
<tr>
<td>SEC285 Fundamentals of Information Security</td>
<td>2</td>
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</table>

#### SPECIALIZED

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>CCSI410 Digital Forensics I with Lab</td>
<td>4</td>
</tr>
<tr>
<td>CCSI460 Digital Forensics II with Lab</td>
<td>4</td>
</tr>
<tr>
<td>SEC310 Principles and Theory of Security Management</td>
<td>2</td>
</tr>
<tr>
<td>SEC440 Information Systems Security Planning and Audit</td>
<td>2</td>
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</table>

#### PROGRAM

<table>
<thead>
<tr>
<th>Category</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>INFORMATION SYSTEMS AND PROGRAMMING</td>
<td>CIES236 Database Systems and Programming Fundamentals, CIS170C Programming with Lab, CIS247C Object-Oriented Programming with Lab</td>
</tr>
<tr>
<td>SENIOR PROJECT</td>
<td>CIES392 Product, Project, and People Management, CIES494 Senior Project I, CIES496 Senior Project II</td>
</tr>
<tr>
<td>TECHNOLOGY CAREER PREPARATION</td>
<td>CIES299 Careers and Technology, CIES499 Preparation for the Profession</td>
</tr>
</tbody>
</table>

#### EMBEDDED PROGRAMS

Want to show some credentials on your resume? With our exclusive 3-in-1 design, you can earn two additional credentials while acquiring your Computer Forensics degree. All courses in our Programming Essentials certificate and Information Technology and Networking associate degree are embedded within this program. So you can earn a certificate and an associate degree on the way to your bachelor's degree.

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**Visit DeVry.edu | Call 888.DeVry.04**

In New York, DeVry University operates as DeVry College of New York. DeVry New York is accredited by the Commission on Higher Education, www.cheganet.org. Keller Graduate School of Management is included in this accreditation. DeVry University is accredited by the Higher Learning Commission (HLC), www.hlcommission.org. 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. 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 9/24/20