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 Programmer

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 graduation

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.

SKILL FOCUSED CURRICULUM
Elements of our technology curriculum help prepare you to pursue certification opportunities that can validate your knowledge and skills.
- CompTIA Linux+
- CompTIA Network+
- CompTIA Cloud+
- CompTIA Project+
- CompTIA Security+
- PCEP - Certified Entry-level
- Python Programmer

ACCELERATE AT YOUR PACE
Choose the schedule that best fits your goals and commitments. You can earn your Bachelor’s Degree in as little as 2 years 8 months.

2 years 8 months OR 4 years

DEvRy University
**ESSENTIALS**

<table>
<thead>
<tr>
<th>Category</th>
<th>Courses</th>
</tr>
</thead>
</table>
| COMMUNICATION SKILLS1  | ENGL112 Composition  
ENGL135 Advanced Composition  
ENGL216 Technical Writing  |
| HUMANITIES             | LAS432 Technology, Society, and Culture  
SPCH275 Public Speaking  
SPCH276 Intercultural Communication |
| SOCIAL SCIENCES        | ECON312 Principles of Economics  
SOC1S85 Culture and Society  |
| 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 |

**TECH CORE**

<table>
<thead>
<tr>
<th>Courses</th>
<th>Description</th>
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<tbody>
<tr>
<td>CIE1S01</td>
<td>Introduction to Technology and Information Systems</td>
</tr>
<tr>
<td>CIE1S06</td>
<td>Introduction to Operating Systems</td>
</tr>
<tr>
<td>CIE1S10</td>
<td>Introduction to Programming</td>
</tr>
<tr>
<td>CIE1S14</td>
<td>Introduction to Digital Devices</td>
</tr>
<tr>
<td>NETW191</td>
<td>Fundamentals of Information Technology and Networking</td>
</tr>
<tr>
<td>NETW211</td>
<td>Fundamentals of Cloud Computing</td>
</tr>
<tr>
<td>SEC285</td>
<td>Fundamentals of Information Security</td>
</tr>
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**SPECIALIZED**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>CCSI410</td>
<td>Digital Forensics I with Lab</td>
</tr>
<tr>
<td>CCSI460</td>
<td>Digital Forensics II with Lab</td>
</tr>
<tr>
<td>SEC305</td>
<td>Cybersecurity and Data Privacy</td>
</tr>
<tr>
<td>SEC440</td>
<td>Information Systems Security Planning and Audit</td>
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</table>

**PROGRAM**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>CIE1S50</td>
<td>Programming with Objects</td>
</tr>
<tr>
<td>CIE1S209</td>
<td>Intermediate Programming</td>
</tr>
<tr>
<td>CIE1S236</td>
<td>Database Systems and Programming</td>
</tr>
<tr>
<td>CIE1S312</td>
<td>Introduction to Artificial Intelligence and Machine Learning</td>
</tr>
<tr>
<td>CIS355A</td>
<td>Business Application Programming with Lab</td>
</tr>
<tr>
<td>CIS363B</td>
<td>Web Interface Design with Lab</td>
</tr>
<tr>
<td>CIS407A</td>
<td>Web Application Development with Lab</td>
</tr>
<tr>
<td>WBG310</td>
<td>Interactive Web Page Scripting with Lab</td>
</tr>
</tbody>
</table>

**EMBEDDED PROGRAMS**

With our exclusive 3-in-1 design, you can earn two additional credentials while acquiring your Computer Forensics specialization of DeVry's Computer Information Systems 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.

14 Students enrolled at a New Jersey location take ENGL108 in lieu of this course.

**DEMONSTRATE SKILLS AT EVERY STEP**

BE AN ACTIVE PART OF AN INCLUSIVE FUTURE

Customize your curriculum by choosing Diversity, Equity and Inclusion (DE&I) course alternates for your Communication Skills, Humanities and Social Science courses. These course options – denoted by this icon – highlight relevant topics to help empower you to promote an inclusive workplace.

1Students enrolled at a New Jersey location take ENGL108 in lieu of this course.

2Students enrolled at a Nevada location must take POLI332 in lieu of this requirement.

3Students enrolled at a New Jersey location must take an additional six semester-credit hours of general education coursework from among the following course areas: communication skills, humanities, social sciences, mathematics and natural sciences. Courses selected in humanities or social sciences should be upper-division coursework (DeVry courses numbered 300-499).