COMPUTER INFORMATION SYSTEMS

Specialization: Computer Forensics

ABOUT THIS DEGREE PROGRAM

TECH CORE

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

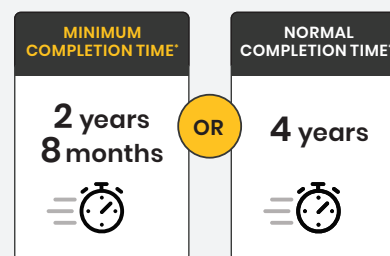**SKILLS FOCUSED**

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 Security+
- CompTIA Network+
- CompTIA Project+
- CompTIA Cloud+
- PCEP Certified Entry-Level Python Programmer

UP TO $300

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.

MINIMUM COMPLETION TIME*

2 years 8 months

OR

NORMAL COMPLETION TIME**

4 years

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**.

Or, follow a normal schedule and complete your program in 4 years.

*Per 12-month period, assumes completion of 3 semesters, enrollment in 12-19 credit hours per semester and continuous, full-time year-round enrollment with no breaks.

**Per 12-month period, assumes completion of 2 semesters and full-time enrollment in 12-19 credit hours per semester.

DeVry University

Computer Information Systems | Computer Forensics

ESSENTIALS

47 CREDIT HOURS

COMMUNICATION SKILLS[1]

ENGL112[2]	Composition
ENGL135	Advanced Composition
ENGL216	Technical Writing

Select one

SPCH275	Public Speaking
SPCH276	Intercultural Communication ⛨

HUMANITIES

LAS432	Technology, Society, and Culture ⛨

Select one

ETHC232	Ethical and Legal Issues in the Professions
ETHC334	Diversity, Equity and Inclusion in the Workplace ⛨

SOCIAL SCIENCES

ECON312	Principles of Economics
SOCS185	Culture and Society ⛨

Select one

SOCS325[3]	Environmental Sociology
SOCS350	Cultural Diversity in the Professions ⛨

MATHEMATICS AND NATURAL SCIENCES

MATH114	Algebra for College Students
PHYS204	Applied Physics with Lab
TECH221	Data-Driven Decision -Making

PERSONAL AND PROFESSIONAL DEVELOPMENT

CARD405	Career Development
COLL148	Critical Thinking and Problem Solving

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.

TECH CORE

21 CREDIT HOURS

TECH CORE

CEIS101	Introduction to Technology and Information Systems
CEIS106	Introduction to Operating Systems
CEIS110	Introduction to Programming
CEIS114	Introduction to Digital Devices
NETW191	Fundamentals of Information Technology and Networking
NETW212	Introduction to Cloud Computing
SEC285	Fundamentals of Information Security

PROGRAM

40 CREDIT HOURS

INFORMATION SYSTEMS AND PROGRAMMING

CEIS150	Programming with Objects
CEIS209	Intermediate Programming
CEIS236	Database Systems and Programming Fundamentals
CIS313	AI-Driven Business Application Coding
CIS355A	Business Application Programming with Lab

APPLICATION DEVELOPMENT

CIS363B	Web Interface Design with Lab
CIS407A	Web Application Development with Lab
WBG310	Interactive Web Page Scripting with Lab

CAREER PREPARATION

CEIS298	Introduction to Technical Project Management
CEIS499	Preparation for the Profession
MGMT404	Project Management
TECH460	Senior Project

[1]14 for students enrolled at a New Jersey location
[2]Students enrolled at a New Jersey location take ENGL108 in lieu of this course.
[3]Students enrolled at a Nevada location must take POLI332 in lieu of this requirement.

Students 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).
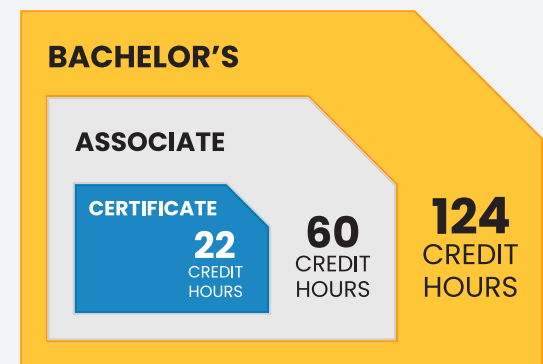
SPECIALIZED

16 CREDIT HOURS

COMPUTER FORENSICS

CCSI410	Digital Forensics I with Lab
CCSI460	Digital Forensics II with Lab
SEC305	Cybersecurity and Data Privacy
SEC440	Information Systems Security Planning and Audit

Demonstrate Skills at Every Step

BACHELOR'S

ASSOCIATE

CERTIFICATE 22 CREDIT HOURS

60 CREDIT HOURS

124 CREDIT HOURS

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.

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