

# DIGITAL FORENSICS

OUSLY

Digital Forensics involves aspects of criminal justice, cybersecurity and technology. ECPI's Digital Forensics concentration is designed to provide students with the knowledge and skills needed to succeed in a professional environment focused on interpreting electronic data to solve crimes.

GHT MIDDLE

### What skills do you need to succeed in the world of digital forensics?

- An in-depth understanding of technology and cybersecurity
- Investigative and analytical talents

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- Computer science skills
- Communication and teamwork abilities

The goal of digital forensics is to analyze electronic data in order to gather evidence and determine when a cybercrime began. Next, you will have to decide the appropriate steps to resolve it. If you want a career that combines your investigative spirit with your love of digital technology, consider prosecuting cybercrimes with a concentration in Digital Forensics. This program provides hands-on experience that mirrors real world cyber, investigative scenarios.

Through ECPI's year-round schedule, you could earn a Bachelor of Science in Criminal Justice with a concentration in Digital Forensics in as little as 2.5 years.

### Outcomes

### Upon completion of the program, graduates will be able to:

- Execute ethical standards across professional and personal settings.
- Critically evaluate the quality and sufficiency of evidence to support a criminal justice argument (case or proposal).
- Integrate scientific inquiry into the analysis of criminal justice issues.
- Analyze human behavior and the impact on crime.
- Execute policies and protocols when emergency and criminal situations occur.
- Apply digital forensic techniques to digital devices and platforms.
- Demonstrate proper evidence collection and storage.

- Evaluate ethical issues surrounding cybercrime investigations and the use of digital forensic technologies.
- Apply evidentiary law to real and hypothetical fact situations.
- Demonstrate an ongoing investigation into the dynamic changes in and scope of homeland security.
- Analyze cybersecurity vulnerabilities and strategies for maintaining a secure environment.
- Apply network security fundamentals to computer crime to identify threats and vulnerabilities.

# Possible Career Track

- Digital Forensics Analyst
- Digital Forensic Examiner
- ▶ Crime Analyst

- Cyber Risk Manager
- Cybersecurity Officer
- Computer Forensic Examiner/Investigator
- Information Security Analyst
- Intelligence Investigator





To receive the Bachelor of Science in Criminal Justice with a concentration in Digital Forensics, the student must earn 121 semester credit hours. The program requires a minimum of 8 semesters, 30 months or 120 weeks of instruction.

# Program Requirements are as follows:

CORE CURRICULUM 48 SEMESTER CREDIT HOURS	CREDITS	SELF INTEGRATION 6 SEMESTER CREDIT HOURS
Introduction to Criminal Justice	3	Office Applications Credit
Criminal Law I	3	Career Orientation Seminar
Law Enforcement Operations	3	Essentials for Success
Criminal Procedure	3	
Ethics in Criminal Justice	3	DIGITAL FORENSICS
Corrections	3	27 SEMESTER CREDIT HOURS
Investigations	3	Digital Forensic Analysis
Crime Scene Management	3	Mobile Device Forensics
Cybercrime Investigation	3	Introduction to Operating Systems
Introduction to Terrorism	3	Introduction to Scripting
Criminology	3	Introduction to Networking
CJ Special Populations	3	Linux Administration
Organized Crime	3	Principles of Cybersecurity
Criminal Justice Documentation	3	Network Protocols and Services
Private Security I	3	Ethical Hacking
Conflict Management	3	

#### **ARTS AND SCIENCES\* 31 SEMESTER CREDIT HOURS**

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Arts and Sciences Capstone	3		
Principles of Communication	3		
College Composition	3		
Advanced Composition	3		
Culture and Diversity: Exploring the Humanities	3		
College Algebra	3		
Statistics	3		
Physics	3		
Physics LAB	1		
Introduction to Psychology	3		
Positive Psychology	3		

3 DIGITAL FORENSICS ELECTIVES **9 SEMESTER CREDIT HOURS** Principles of Accounting I 3 Introduction to Business 3 Multi-Cultural Communication for Law Enforcement 3 Externship-CJ III 3 Human Trafficking and Domestic Violence

#### SEMESTER CREDIT HOURS 121

\*For allowable substitutions of arts and sciences courses, see the Arts and Sciences Department page

\*These are the courses making up the degree plan at the time of student enrollment. The University at its sole discretion may modify the program track as deemed necessary.

CREDITS

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# START DATE ORIENTATION

# **Tuition Includes**

- ▶Tutoring
- Parking fees
- Graduate employment services
- Externships (if applicable)
- Subsidized certification vouchers
- Full- and part-time job assistance while attending school

Application Fee	\$15 non-refundable,
	one-time charge
Registration Fee	\$100
Monthly Payment	Monthly payments are determined after all
	federal grants and loans, scholarships, and alternative

# **CRIMINAL JUSTICE PROGRAM DEGREES**

# **BACHELOR'S DEGREE**

- Criminal Justice
- Crime and Intelligence Analysis
- Digital Forensics
- Homeland Security

\*Programs offered vary by campus location.

# What You Need

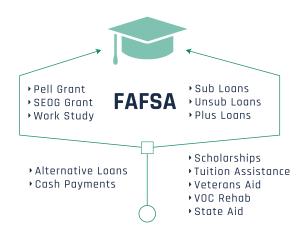
Complete FAFSA online at fafsa.gov (for help go to: ecpi.edu/fa)

loans are applied.

▶ 3 references

# **Program Cost**

- Bachelor's = 8 semesters x \$7,848 = \$62,784 (estimate)
- ECPI semester = 15 weeks consisting of three 5-week terms
- Technology fee = \$480.00 per semester
- ECPI University reserves the right to make changes in tuition and fees without further notice.



#### 844.334.4466 ecpi.edu