ecpi UNIVERSITY

COLLEGE OF CRIMINAL JUSTICE
DIGITAL FORENSICS BACHELOR'S DEGREE

DIGITAL FORENSICS

Digital Forensics involves aspects of criminal justice, cybersecurity and technology. ECPI's new 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.

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

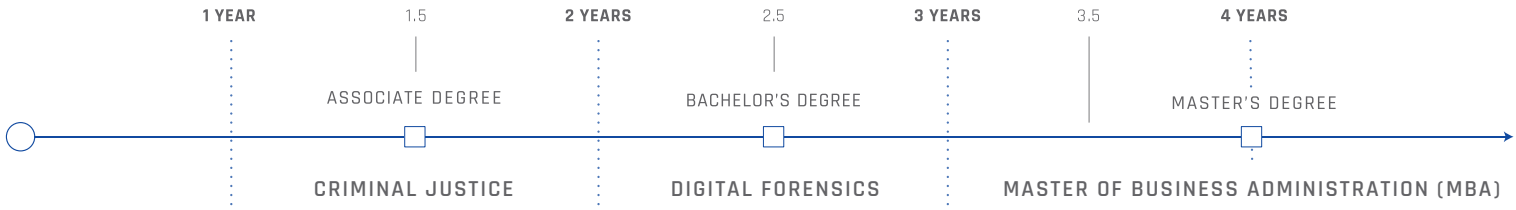
- An in-depth understanding of technology and cybersecurity
- Investigative and analytical talents
- Computer science skills
- Communication and teamwork abilities

When most people hear the words digital forensics, they might think about crime scenes and T.V. shows like C.S.I. and Law & Order. However, these types of crime scenes leave behind digital footprints instead of physical ones.

As a digital expert, IBM's CEO Ginni Rommety, states "Cybercrime is the greatest threat to every company in the world." Workers in the field of digital forensics are in high demand, and their responsibilities will only increase as the number of cyber related crimes increase.

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 degree 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