

COMPUTER FORENSICS TRACK

OVERVIEW

Enjoy watching CSI: Miami or CSI: New York? Then you will like Computer Forensics (CF) because it is CSI Computers. Computer forensics is a discipline in forensics science that combines elements of law and information technology to collect and analyze data from computer systems, networks, wireless communications, and storage devices in a way that is admissible as evidence in a court of law. Computer forensics is also the process of using scientific knowledge for collecting, analyzing, and presenting digital evidence to the courts. Graduates from the Computer Forensics track will possess the knowledge of systems, investigative techniques, and technical and presentation skills to produce and present digital evidence for investigation and legal proceedings. CF is one of four track options available in the Information Technology Major.

CAREER PATH

The Computer Forensics track prepares students for careers as computer forensics experts. Students graduating from CF track can expect to find jobs in businesses and government agencies. Students may assume a job title like Computer Forensics Examiner, Computer Forensics Analyst, Cybersecurity Consultant, e-Discovery Project Manager, IT Security Administrator, and eventually Chief Security Officer.

TRACK REQUIREMENTS

Five courses to complete concentration (15 credits)

TAKE FIVE OF THE FOLLOWING SIX COURSES:

- IT 220 Computer Forensics I
- IT 221 Computer Forensics II
- IT 420 Network and Mobile Forensics
- IT 421 Malware Analysis
- SOCIOL 104L Intro to Criminal Justice
- SOCIOL 364 Cyber Crime

What excites me about Computer Forensics is learning all the software, programs, and procedures that I will use in the future, and then putting those tools into use in the field. My coursework has helped me by not only teaching me the skills I need, but also providing networking opportunities. Through one of my classes, I was able to get an internship in a digital forensics lab and worked with analysts seeing how they work in the field.”

—Rebecca Engel, Class of 2021