Digital Forensics

The Bachelor of Science in Digital Forensics (BSDF) is an interdisciplinary degree that prepares graduates for a professional career in the field of digital forensics and cyber security. The focus of the program is an understanding of the procedures and processes necessary to discover, recover, analyze, and present in court information that has been stored on digital devices, including mainframe and personal computers, cellular telephones, tablets, gaming and other devices used during illegal activities. Students graduating with the BSDF degree will be prepared to fill entry- and advanced-level positions with federal, state, and local law enforcement agencies; with public and private sector non-profit companies; and with private sector for-profit companies. Students completing the program will also be prepared to pursue graduate studies (master's and doctoral-level) in computer science, criminal justice, information systems, and information technology or pursue law school.

The courses in the BSDF are a mixture of criminal justice and computer science. The goal is to provide graduates with the tools they need in computer programming and operations to work effectively within a computer environment, and also the skills needed to understand the behavior of those who may be a threat to computer systems and/or engage in cybercrime. Additionally, graduates will have an understanding of the legal systems and processes necessary to gather digital evidence and support a computer investigation in court if necessary.

Bachelor of Science with a Major in Digital Forensics

The BSDF requires 39 hours in the major beyond the University of College core requirements. The courses required in the program are listed below.

Requirements		Hours
Blazer Core Curriculum		41
General Electives		39
Criminal Justice Courses		
CJ 210	Introduction to Digital Forensics	3
CJ 402	Computer Forensics	3
CJ 410	Criminal Justice Ethics	3
CJ 419	Investigating Online Crimes	3
CJ 437 & 437L	Digital Media Forensics and Digital Media Forensics Lab	3
CJ 454	Financial Crimes and Investigations	3
Computer Science Courses		
CS 103 & 103L	Introduction to Computer Science in Python and Introduction to Computer Science in Python Lab	4
CS 203 & 203L	Object-Oriented Programming in Java and Object-Oriented Programming Lab	4
CS 250	Discrete Structures	3
CS 330	Computer Organization and Assembly Language Programming	3
CS 332	Systems Programming	3
CS 332L	Systems Programming Laboratory	0
CS 334	Networking	3
Capstone		
CJ 494	Digital Forensics Capstone	1
Elective		**3**
CJ 438	Investigations of Malicious Attacks	
CJ 495	Digital Forensics Internship and Capstone	
Total Hours		**122**

A grade of C or better is required in all courses. Students must have a 2.3 cumulative GPA prior to applying for their Internship. Students must take general electives to reach the 120 semester hour requirement.