

Bachelor of Science in Criminal Justice - Forensics

The Bachelor of Science in Criminal Justice offers an in-depth scientific study of crime, criminal behavior, digital forensics investigations, and the importance of scientific analysis as evidence presented in the criminal justice system. Forensic science is the application of scientific methods and analysis of scientific data to support the law. You will study the theory of forensic science, including the nature and scope of the discipline, the application of forensic science to crime, police investigation and the adjudication process, and the legal and ethical issues associated with forensics. You will also examine the importance of scientific analysis of digital evidence and its place in the judicial system, while receiving a solid foundation of analytical and communication skills required for working in complex criminal justice occupations.

Our criminal justice programs are among the most popular at the university, bringing you peer interactions and an expanded network of criminal justice professionals who are dedicated to safeguarding their communities and nation. Courses in this program are taught by highly credentialed and experienced instructors, many who hold key positions in government agencies or criminal justice organizations.

Degree Program Objectives

In addition to the institutional and degree level learning objectives, graduates of this program are expected to achieve these learning outcomes:

Criminal Justice Administration and Organization

- Recognize and explain the major international, U.S., and localized law enforcement systems and organization.
- Describe and analyze the political and public administrative aspects of law enforcement organizations.

Criminal Justice Theories and Concepts

- Communicate and apply the major theories and concepts of crime, criminal justice, and criminology.
- Conduct research associated with criminal justice and criminology theories.

Criminal Justice Operations, Practices, and Processes

- Assess the operations, practices, and processes associated with leading standards of evidence and law.

Digital Forensics

- Examine common incident response procedures via basic computer investigation processes and a good computer forensics lab for the development of investigative reports following first responder procedures.
- Investigate forensics of wireless network attacks caused by mobile and wireless peripheral devices, and then evaluate security and access procedures within wireless Internet use of subject search warrants and chain of custody in a forensic investigation.
- Explore web attacks, router forensics, email tracking techniques, email crime, and network forensics through investigation logs.
- Discuss corporate espionage and prevention techniques and computer-related crimes, such as sexual harassment and child pornography and the law.
- Analyze image files using forensic processes, recovered files on deleted partitions, data acquisition and duplication procedures, and steganography tools to create a forensic investigation case.
- Analyze file systems, hard disks, various types of digital media, tools, and applications that utilize password cracking on various operating systems.

Degree at a Glance

Code	Title	Semester Hours
	General Education Requirements	30
	Major Required	30
	Concentration in Digital Forensics (p. 3)	27
	Final Program Requirement	3
	Elective Requirements	30
	Total Semester Hours	120

Degree Program Requirements

General Education Requirements (30 semester hours)

Code	Title	Semester Hours
Arts and Humanities (6 semester hours)¹		
Select 2 courses from the following:		6
ARTH200	Art Appreciation	
ARTH241	Film and Literature	
DSIN141	Image Enhancement using Adobe Photoshop	
LITR201	World Literature through the Renaissance	
LITR202	World Literature since the Renaissance	
LITR210	English Literature: Beowulf to 18th Century	
LITR211	English Literature: 18th Century to Present	
LITR220	American Literature before The Civil War	
LITR221	American Literature from The Civil War to Present	
ARAB100	Arabic I	
ARAB101	Arabic II	
FREN100	French I	
FREN101	French II	
GERM100	German I	
GERM101	German II	
JAPN100	Introduction to Japanese	
MUSI200	Music Appreciation	
MUSI250	World Music and Cultures	
PHIL101	Introduction to Philosophy	
PHIL110	Critical Thinking	
PHIL200	Introduction to Ethics	
PHIL202	Philosophy of Science	
PORT100	Introduction to Brazilian Portuguese	
RELS201	Introduction to World Religions	
RUSS100	Russian I	
SPAN100	Spanish I	
SPAN101	Spanish II	
Civics, Political and Social Sciences (6 semester hours)¹		
Select 2 courses from the following:		6
ANTH100	Introduction to Anthropology	
ANTH202	Introduction to Cultural Anthropology	
CHFD220	Human Sexuality	
COMM211	Social Media and Society	
COMM240	Intercultural Communication	
ECON101	Microeconomics	
ECON102	Macroeconomics	

EDUC200	Humane Education: A Global Interdisciplinary Perspective	
GEOG101	Introduction to Geography	
HOSP110	Practical Food Safety and Awareness	
IRLS210	International Relations I	
LITR204	Contemporary World Culture Through Literature	
LITR205	Cultural Diversity in Contemporary American Literature	
POLS210	American Government I	
PSYC101	Introduction to Psychology	
SOCI111	Introduction to Sociology	
SOCI212	Social Problems	
SOCI220	American Popular Culture	
Communication: Writing, Oral, and Multimedia (9 semester hours)		
COMM120	Information and Digital Literacy	3
ENGL110	Making Writing Relevant	3
Select 1 course from the following:		3
COMM200	Public Speaking	
ENGL102	Effectiveness in Writing	
ENGL200	Composition and Literature	
ENGL220	Technical Writing	
ENGL221	Scientific Writing	
ENGL225	Business Writing	
HRMT101	Human Relations Communication	
IRLS200	Information Literacy and Global Citizenship	
ITCC231	Introduction to Information Technology Writing	
MGMT100	Human Relations	
History (3 semester hours)		
Select 1 course from the following:		3
HIST101	American History to 1877	
HIST102	American History since 1877	
HIST111	World Civilization before 1650	
HIST112	World Civilization since 1650	
HIST121	Western Civilization before The Thirty Years War	
HIST122	Western Civilization since The Thirty Years War	
HIST221	African-American History before 1877	
HIST222	African-American History since 1877	
HIST223	History of the American Indian	
HIST270	History of Science	
Mathematics and Applied Reasoning (3 semester hours)		
Select 1 course from the following:		3
ACCT105	Accounting for Non Accounting Majors	
ENTD200	Fundamentals of Programming	
MATH110	College Algebra	
MATH111	College Trigonometry	

MATH120	Introduction to Statistics	
MATH125	Math for Liberal Arts Majors	
MATH225	Calculus	
Natural Sciences (3 semester hours)		
Select 1 course from the following:		3
BIOL180	Introduction to Biology	
BIOL181	Introduction to Human Anatomy and Physiology	
CHEM180	Introduction to Chemistry	
ERSC180	Introduction to Meteorology	
ERSC181	Introduction to Geology	
EVSP180	Introduction to Environmental Science	
PHYS180	Introduction to Physics	
SPST180	Introduction to Astronomy	
Total Semester Hours		30

¹ All literature courses require successful completion of ENGL101 - Proficiency in Writing or ENGL110 - Making Writing Relevant.

Major Required (30 semester hours)

Code	Title	Semester Hours
CMRJ201	Criminal Justice Administration	3
SSGS300	Research Design and Methods	3
CMRJ303	Criminology	3
CMRJ306	Criminal Investigation	3
CMRJ308	Ethics in Criminal Justice	3
CMRJ329	Criminal Profiling	3
CMRJ335	Crime Analysis	3
CMRJ341	Criminalistics	3
LSTD301	Constitutional Law	3
LSTD302	Criminal Law	3
Total Semester Hours		30

Concentration in Digital Forensics (27 semester hours)

Offers an in-depth scientific study of crime, criminal behavior, crime scene investigation theories, and the importance of scientific analysis as evidence. Focuses on cybercrime and computer forensics with emphasis on wireless networks and devices, operating systems, intrusions, and the related investigative procedures.

Code	Title	Semester Hours
ISSC343	Wireless Networks	3
ISSC351	Computer Forensics	3

ISSC451	Cybercrime	3
ISSC455	Digital Forensics: Investigation Procedures and Response	3
ISSC456	Digital Forensics: Investigating Wireless Networks and Devices	3
ISSC457	Digital Forensics: Investigating Network Intrusions and Cybercrime Security	3
ISSC458	Digital Forensics: Investigating Data and Image Files	3
ISSC459	Digital Forensics: Hard Disc and Operating Systems	3
LSTD400	Criminal Legal Process	3
Total Semester Hours		27

Final Program Requirement (3 semester hours)

Code	Title	Semester Hours
CMRJ497	Criminal Justice Capstone - Digital Forensics	3
Total Semester Hours		3

¹ Prerequisite: Senior Standing and completion of all major courses prior to enrollment.

Elective Requirements (30 semester hours)

Select any courses that have not been used to fulfill major requirements. Credits applied toward a minor or certificate in an unrelated field may be used to fulfill elective credit for the major.