

CRIMINAL JUSTICE AND CYBERSECURITY (M.S.)

Students must successfully complete 12 courses totaling 36 credits to earn the master's degree. All students must complete the curriculum as follows:

Code	Title	Credits
CJC-506	Theories of Justice	3
CJC-514	Psychological Concepts for Justice Professionals	3
CJC-520	Effective Communication and Perspective Taking	3
CJC-532	Cyberterrorism	3
CJC-563	Criminal Justice Research Methods	3
CJC-576	High Technology Crime	3
Total Credits		18

Area of Concentration or Approved Electives

Students may either choose an area of concentration (leadership, cyberthreat management and response, or intelligence) or select six electives from any of the graduate programs (with the approval of the graduate program director) to develop an individualized program of study that meets their personal and professional goals. Recommended electives for those not selecting an area of concentration are listed below:

Code	Title	Credits
CJC-518	Domestic & Global Challenges Shaping Public Policy	3
CJC-519	U.S. Intelligence Community	3
CJC-521	Critical Leadership Opportunities	3
CJC-524	Emergency Management & Critical Incident Response	3
CJC-526	Principles of Digital Forensics	3
CJC-528	Cultivating Organizational Culture	3
CJC-530	Cyberthreat Analysis	3
CJC-531	Cyberthreat Management	3
CJC-534	Cyber Fundamentals	3
CJC-537	Network Forensics and Incident Response	3
CJC-540	Executive Leadership Development	3
CJC-543	Cyber Intelligence	3
CJC-546	Insider Threat	3
CJC-550	Intelligence Writing and Communicating	3
CJC-556	Open Source Intelligence	3
CJC-560	Structured Analytic Techniques	3
CJC-570	Cybersecurity Law	3
CJC-579	State Sponsored Advanced Persistent Threats	3
CJC-581	Special Topics	3
CJC-598	Internship	3
HCA-530	Cybersecurity and Resiliency in Healthcare	3
MGT-567	Creative Problem-Solving	3

Leadership Concentration

A practitioner of justice faces many challenges in this field, which is constantly evolving. Professionals in the justice field are being asked to reduce and manage crime with limited resources, protect the public, improve community perceptions, and organize agencies and departments in a collaborative environment. They must draw upon their knowledge and skills to establish and maintain a high standard of integrity and ethical values, and lead in a way that reflects those values and strengthens their organizations. The concentration in Leadership focuses on innovative leadership practices at the forefront of this profession applicable in a challenging multicultural, technological, and collaborative environment.

Program requirements for this concentration are the completion of an approved program of 12 courses (36 credits), which includes the six core classes for the Master of Science Degree, five required courses listed below for this concentration, and one elective selected from the list below. Upon completion, the Master of Science in Criminal Justice & Cybersecurity with a concentration in Leadership is conferred.

Students must complete the courses below:

Code	Title	Credits
CJC-518	Domestic & Global Challenges Shaping Public Policy	3
CJC-521	Critical Leadership Opportunities	3
CJC-524	Emergency Management & Critical Incident Response	3
CJC-528	Cultivating Organizational Culture	3
CJC-540	Executive Leadership Development	3
Select ONE of the following:		3
CJC-581	Special Topics	
CJC-531	Cyberthreat Management	
HCA-530	Cybersecurity and Resiliency in Healthcare	
MGT-567	Creative Problem-Solving	
Total Credits		18

Cyberthreat Management and Response Concentration

This program is designed to respond to the interests, knowledge requirements, and needs of professionals in cybersecurity and law enforcement working in the private sector and at the local, regional, state and international levels. Professionals in this field require an education that prepares them for global challenges that impact cybersecurity and cyberthreats at home and abroad. It is necessary for professionals in this field to have an understanding of the advancing technological world and its immense impact on the global community.

This program includes attention to cyber training in such areas as information technology, terrorist groups, domestic terrorism, high tech crimes, intelligence gathering, and criminal investigative techniques. To support this effort, practical problems will be discussed with emphasis on enhanced cooperation with law enforcement at the international, federal, state, local, and tribal levels. A commitment to technical report writing and analytical thinking is a consistent priority that is based upon the needs of professionals in these fields. Through the Cyber Fundamentals course, students will prepare to earn industry

certification readying them for a career in this field and demonstrating their competency to potential employers.

Program requirements for this concentration are completion of an approved program of 12 courses (36 credits), which includes the six core classes for the Master of Science Degree, two required courses listed below for this concentration, and four electives selected from the list below. Upon completion, the Master of Science in Criminal Justice and Cybersecurity with a concentration in Cyberthreat Management and Response is conferred.

Code	Title	Credits
CJC-534	Cyber Fundamentals	3
CJC-543	Cyber Intelligence	3
Select FOUR of the following:		12
CJC-526	Principles of Digital Forensics	
CJC-530	Cyberthreat Analysis	
CJC-531	Cyberthreat Management	
CJC-537	Network Forensics and Incident Response	
CJC-546	Insider Threat	
CJC-556	Open Source Intelligence	
CJC-570	Cybersecurity Law	
CJC-579	State Sponsored Advanced Persistent Threats	
CJC-581	Special Topics	
HCA-530	Cybersecurity and Resiliency in Healthcare	
Total Credits		18

Intelligence Concentration

This program is designed to respond to the interests, knowledge requirements, and needs of professionals in cybersecurity, intelligence, and law enforcement in the private sector and at the local, regional, state and international levels. Intelligence professionals need specialized investigative and analytic processes and tools to carry out their work in a way that is ethically sound while successfully safeguarding those they have responsibility for.

This program prepares professionals to gather information, analyze it and document it in a way that reduces the impact of their biases and improves the usefulness of the information to intelligence consumers and decision makers.

Program requirements for this concentration are completion of an approved program of 12 courses (36 credits), which includes the six core classes for the Master of Science Degree, four required courses listed below for this concentration, and two electives selected from the list below. Upon completion, the Master of Science in Criminal Justice and Cybersecurity with a concentration in Intelligence is conferred.

Code	Title	Credits
CJC-519	U.S. Intelligence Community	3
or CJC-543	Cyber Intelligence	
CJC-550	Intelligence Writing and Communicating	3
CJC-556	Open Source Intelligence	3
CJC-560	Structured Analytic Techniques	3
Select TWO of the following:		6
CJC-518	Domestic & Global Challenges Shaping Public Policy	
CJC-530	Cyberthreat Analysis	

CJC-531	Cyberthreat Management
CJC-546	Insider Threat
CJC-579	State Sponsored Advanced Persistent Threats
CJC-581	Special Topics

Total Credits **18**

M.S. in Criminal Justice & Cybersecurity

Course	Title	Credits
First Year		
Fall		
CJC-520	Effective Communication and Perspective Taking	3
CJC-506	Theories of Justice	3
Credits		6
Spring		
CJC-576	High Technology Crime	3
CJC-563	Criminal Justice Research Methods	3
Credits		6
Summer		
CJC-514	Psychological Concepts for Justice Professionals	3
CJC-532	Cyberterrorism	3
Credits		6
Second Year		
Fall		
Students complete CJC electives or CJC Concentration courses		18
Credits		18
Total Credits		36

Leadership Concentration

Course	Title	Credits
First Year		
Fall		
CJC-520	Effective Communication and Perspective Taking	3
Leadership Elective		3
Credits		6
Spring		
CJC-576	High Technology Crime	3
CJC-563	Criminal Justice Research Methods	3
Credits		6
Summer		
CJC-514	Psychological Concepts for Justice Professionals	3
CJC-506	Theories of Justice	3
Credits		6
Second Year		
Fall		
CJC-540	Executive Leadership Development	3
CJC-528	Cultivating Organizational Culture	3
Credits		6
Spring		
CJC-521	Critical Leadership Opportunities	3
CJC-524	Emergency Management & Critical Incident Response	3
Credits		6
Summer		
CJC-518	Domestic & Global Challenges Shaping Public Policy	3
CJC-532	Cyberterrorism	3
Credits		6
Total Credits		36

Cyberthreat Management and Response Concentration

Course	Title	Credits
First Year		
Fall		
CJC-576	High Technology Crime	3
CJC-563	Criminal Justice Research Methods	3
Credits		6
Spring		
CJC-543	Cyber Intelligence	3
CJC-534	Cyber Fundamentals	3
Credits		6
Summer		
CJC-520	Effective Communication and Perspective Taking	3
CJC-532	Cyberterrorism	3
Credits		6
Second Year		
Fall		
CJC Cyberthreat Electives		6
Credits		6
Spring		
CJC Cyberthreat Electives		6
Credits		6
Summer		
CJC-514	Psychological Concepts for Justice Professionals	3
CJC-506	Theories of Justice	3
Credits		6
Total Credits		36

Intelligence Concentration

Course	Title	Credits
First Year		
Fall		
CJC-520	Effective Communication and Perspective Taking	3
Intelligence Elective		
Credits		3
Spring		
CJC-576	High Technology Crime	3
CJC-563	Criminal Justice Research Methods	3
Credits		6
Summer		
CJC-514	Psychological Concepts for Justice Professionals	3
CJC-532	Cyberterrorism	3
Credits		6
Second Year		
Fall		
CJC-543	Cyber Intelligence	3
CJC-550	Intelligence Writing and Communicating	3
Credits		6
Spring		
CJC-556	Open Source Intelligence	3
CJC-560	Structured Analytic Techniques	3
Credits		6
Summer		
Intelligence Elective		3
CJC-506	Theories of Justice	3
Credits		6
Total Credits		33