



Existing Program of Study for Master of Science in Forensic Computing	Anticipated Program of Study for Master of Science in Digital Forensics and Cybersecurity*
<p>Required Courses <i>Subtotal: 30</i></p> <p>Electronic Crime and Investigation <i>Subtotal: 12</i></p> <p>CRJ/FCM 752 Law and High Technology Crime CRJ 710 Issues in CRJ I: Theory and Courts CRJ/FCM 727 Cybercriminology * FCM 753 Digital Forensic Applications</p> <p>Core Computing <i>Subtotal: 9</i></p> <p>FCM 700 Theoretical Foundations of Computing Security FCM 710 Architecture of Secure Operating Systems FCM 742 Network Security</p> <p>Computer Forensics and Security <i>Subtotal: 9</i></p> <p>FCM 740 Data Communications and Forensic Security FCM 745 Network Forensics FCM 760 Forensic Management of Digital Evidence</p> <p>FCM Elective <i>Subtotal: 3</i></p> <p>CRJ 708 Law, Evidence and Ethics* CRJ 733 The Constitution and CRJ* CRJ 750/PAD 750 Security of Information and Technology* FCM 705/FOS 705 Mathematical Statistics for Forensic Scientists+ FCM 785 Management of a Digital Forensics Lab+</p> <p>Graduate Elective <i>Subtotal: 3</i></p> <p>Select one course from any in the John Jay College graduate curriculum</p> <p>Capstone Seminar <i>Subtotal: 3</i></p> <p>FCM 780 Capstone Seminar and Fieldwork or FCM 791 FCM Prospectus Seminar</p> <p style="text-align: right;">Total: 39</p>	<p>Required Core Courses <i>Subtotal: 15</i></p> <p>FCM 710 Architecture of Secure Operating Systems FCM 742 Network Security CRJ/FCM 752 Law and High Technology Crime FCM 753 Digital Forensic Applications FCM 760 Forensic Management of Digital Evidence</p> <p>Forensic and Security Electives <i>Subtotal: 9-15</i></p> <p>FCM 700 Computing Security FCM/FOS 705 Mathematical Statistics for Forensic Science FCM 740 Data Communications Forensics and Security FCM 745 Network Forensics FCM 8xx Wireless and Mobile Forensics+ FCM 8xx Wireless Communications Security+ FCM 785 Management of a Digital Forensics Lab FCM 7xx/7xx/7xx Applied Research Workshop (1-3 credits)</p> <p>Criminal Justice Electives <i>Subtotal: 3-6</i></p> <p>CRJ 708 Law, Evidence, and Ethics CRJ/FCM 727 Cybercriminology CRJ 733 Constitutional Law CRJ 750/PAD 750 Security of Information and Technology</p> <p>Cooperative Education Option</p> <p>FCM 787/788/789 Cooperative Education (1-3 credits)</p> <p>Graduate Elective <i>Subtotal: 3</i></p> <p>Any course in the graduate catalog, to include the above electives.</p> <p>Capstone Options <i>Subtotal: 3</i></p> <p><i>Capstone Thesis</i> Total: 33 FCM 791 Prospectus Seminar or <i>Capstone Applied Research Project</i> Total: 33**or 39*** FCM 79x Applied Research Project Seminar or <i>Capstone Fieldwork (Internship)</i> Total: 33*or 39*** FCM 780 Fieldwork and Capstone Seminar</p>
	<p>* Pending CUNY and State approval. ** Requires Applied Digital Forensic Science Certification by faculty based on exam and 15 elective credits from designated lists.. *** Requires 21 elective credits selected from designated lists + Tentative proposed courses</p>