



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 Security and Mobile Forensics+ FCM 8xx Database Forensics and 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</p> <p>or</p> <p><i>Capstone Applied Research Project</i> Total: 33* or 39** FCM 79x Applied Research Project Seminar</p> <p>or</p> <p><i>Capstone Fieldwork (Internship)</i> Total: 33* or 39** FCM 780 Fieldwork and Capstone Seminar</p> <p>* 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>

* This is a tentative rendering of the anticipated program. There may well be forthcoming changes in course descriptions of some courses and in the lists of electives. While some courses will become electives rather than required there will actually not be that much change in course offerings. The major changes are in the options: an additional applied research capstone, making the qualifying (certification) exam optional, and the prospect for a 33 credit degree.