



**St. Joseph's College**  
NEW YORK

# *Master of Science in Forensic Computing (MSFC)*

The M.S. in Forensic Computing (MSFC) is an interdisciplinary degree integrating curriculum from three core areas; Criminal Justice, Math/Computer Information Technology/Computer Science and Accounting. The MSFC will focus on providing an advanced degree that combines a background in network security, cyber security, forensic accounting and the criminal justice process. The degree is intended for practitioners in Information Technology, Criminal Justice, and Accounting and for students that want to embark on a career in these fields or for persons that want to consider a career change into an emerging, growing, and rapidly evolving and expanding field.\*

## **Admission Requirements:**

- 2.5 GPA
- Two Letters of Recommendation

## **Program Requirements:**

- 33 Credits including an Internship or Capstone

## **Scholarship Opportunities:**

- One/Third Tuition Discount for Public Safety/Private Security Employees and Private Sector Employees employed in the Cyber Security Field

## **APPLY ONLINE:**

- <https://iamsjc.sjcnyc.edu/Datatel.ERecruiting.Web.External/Pages/welcome.aspx>

*\* According to the U.S. Bureau of Labor Statistics, IT security specialist employment will increase by 37% from 2012 to 2022, over three times faster than the 11% average for all occupations, placing it among the nation's fastest growing career paths. According to Burning Glass, a Technology Employment Research firm, the New York metropolitan area ranks second in the US with number of cyber security jobs and job growth increased 90% from 2010 to 2014.*

For Additional Information, Contact: Dr. Joseph E. Pascarella, PhD, MPH  
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**Undergraduate Background** \*Students will be conditionally admitted if they do not have the below background at the Undergraduate level and must take the following courses at SJC:

<u>Computer Information Technology/Computer Science/Math</u>		<u>Credits</u>
COM 152	Computer Programming (Or Equivalent)	(3)
COM 210	Algorithms and Data Structures (Or Equivalent)	(3)
COM 360	Networks (Or Equivalent)	(3)
MAT 151	Fundamentals of Statistics (Or Equivalent)	(3)
MAT 203	Mathematical Foundations of Computer Science (Or Equivalent)	(4)

**THREE CORE AREAS**

Computer Science and Systems Security - Criminal Justice - Forensic Accounting

(9 Credits Each Core Area = 27 Credits + Capstone or Internship 6 Credits = 33 Total Credits)

<u>Computer Science and Systems Security</u>		<u>Credits</u>
FCM\COM 560	Network Security	(3)
FCM\COM 561	Software Security	(3)
FCM\COM 520	Mobile Applications, Services and Security	(3)

**Criminal Justice**

FCM/CRJ 500	Ethics and the Criminal Justice System	(3)
FCM/CRJ 501	Criminal Procedure and Legal Rights	(3)
FCM/CRJ 503	Cyber Crime	(3)

**Computer Systems Forensics**

FCM/ACC 565	Forensic Accounting	(3)
FCM/ACC 570	Computer Forensics Investigation & Response	(3)
FCM/ACC 575	Practical Applications of Computer Forensics	(3)

**Field Practicum (Choose One)**

FCM 505	Professional – Capstone	(6)
FCM 506	Non-Professionals – Internship (240 hours)	(6)