COMPUTER INFORMATION SYSTEMS IN CRIMINAL JUSTICE AND PUBLIC ADMINISTRATION (BS):  
http://www.jjay.cuny.edu/academics/625.php

“The major in Computer Information Systems in Criminal Justice and Public Administration focuses on software development, information systems design and the modeling of public systems, using the techniques of operations research. In addition to fulfilling basic requirements in computer science, operations research and mathematics, students must complete an applied specialization in computer applications in either criminal justice or public administration.”

Skills, Abilities, and Objectives for Computer Information Systems Majors:

- Learn investigation tactics
- Analyze inmate behavior
- Study behavior management
- Assess and respond to the needs of others quickly
- Develop written and oral communication skills
- Develop critical evaluation and application skills
- Study intervention strategies
- Practice prediction and ethical decision making
- Learn problem solving skills

Transferring Skills to Careers:
The skills above prepare Computer Information Systems majors for a range of professional degrees and career options. The list below does not include all possible professional paths available to students who major in Computer Information Systems, but gives a sample of careers that graduates have chosen to pursue. The development and technological skills developed by Computer Information Systems majors are applicable to positions such as:

- Assistant Analyst
- Manufacturing Engineer
- Software Developer
- LAN Administrator
- Programmer Analyst
- Programming Supervisor
- Systems Analyst
- Systems Integrator
- Services Consultant
- Associate Consultant
- Business Consultant
- Bank/Investment Professional
- University Administrator
- Telecommunication Specialist
- International Agency Administrator

Strategies for Professional Development:

- Explore minors such as Computer Science, Mathematics, Anthropology, and Sociology to get a sense of how people and technology can work to make an organization successful.

- Look for internship/volunteer experiences with various non-profit and government agencies.

- Develop and emphasize your transferable skills such as:
  - Communication
  - Research
  - Analysis Assessment
  - Investigative Techniques

- Conduct informational interviews with professionals in fields of interest.

- Get involved in student organizations and volunteer opportunities that allow you to develop your teamwork and leadership skills.

- Create a LinkedIn account to connect with individuals and organizations in fields of interests.

- Consider pursuing a master’s degree in a related career field.
Professional Associations/Organizations:
A professional association is an organization formed to promote and support the development, growth and work efforts of individuals in a particular career field. Membership benefits include networking, continuing education, mentoring programs, meetings/conferences and exclusive access to information regarding career opportunities.

There is often a fee for joining professional organizations; however, most associations offer discounts to students, including graduate school students, recent graduates, and young professionals. All or a portion of associations’ fees are tax deductible. To learn more about professional associations, see the National Trade and Professional Associations Directory, the American Society of Association Executives or Encyclopedia of Associations: Volume I- National Organizations of the U.S. is available in the Reference section of John Jay College’s Lloyd Sealy Library.

- **Association for Computing Machinery**
  http://www.acm.org

- **Institute of Electrical Electronics Engineers (IEEE) Computer Society**
  http://www.computer.org/portal/web/guest/home

- **Institute for the Certification of Computer Professionals**
  http://iccp.org

- **International Webmaster Association**
  http://www.iwanet.org

- **Internet Society**
  http://www.internetsociety.org

Additional Resources:

- **The Ada Project for Women in Computer Science**
  http://women.cs.cmu.edu/ada

- **Techweb**
  http://www.techweb.com

- **Occupational Outlook Handbook –Computer and Information Systems Managers**

For more information on this major please visit:

Department of Mathematics and Computer Science
444 West 59th Street
New York, NY 10019
Room: 4221 N
(212) 237-8925
Peter Shenkin, Coordinator: pshenkin@jjay.cuny.edu
http://www.jjay.cuny.edu/departments/mathematics_computer_science/academic.php

Academic Advising
524 West 59th Street
New York, NY 10019
Room: L.73
(646) 557-4872 / (646) 557-4816
http://www.jjay.cuny.edu/academics/4032.php