



## A.S. Computer Science → B.S. Computer Science and Information Security

Bronx Community College (BCC) graduates who complete the Associate of Science degree in Computer Science will receive 60 credits toward the Bachelor of Science degree in Computer Science and Information Security at John Jay College of Criminal Justice as indicated below.

Here is a sample plan of courses for two years at John Jay. Keep in mind you have control over which electives you take and how many credits you enroll in per semester. [Check out the Computer Science and Information Security bulletin for a full list of requirements.](#)

[Work with your advisor](#) to determine the best course sequence for you at BCC to prepare for your Bachelor of Arts degree.

**G** = GenEd

**M** = Major Requirement

**E** = General Elective

Year 1 at John Jay College from BCC			
Semester 1	Credits	Semester 2	Credits
<b>G</b> 300-level Justice Gen Ed	3	<b>G</b> Learning from the Past or Communications	3
<b>M</b> Intro to Computer Science	3	<b>M</b> Computer Architecture	3
<b>M</b> Object-Oriented Programming	3	<b>M</b> Cryptography and Cryptanalysis	3
<b>M</b> Calculus I	4	<b>M</b> Advanced Data Structures	3
<b>M</b> Probability & Mathematical Statistics I	3	<b>M</b> Discrete Structures	3
<b>Total</b>	16	<b>Total</b>	15

Year 2 at John Jay College from BCC			
Semester 1	Credits	Semester 2	Credits
<b>M</b> Programming Languages	3	<b>M</b> Computer Networking	3
<b>M</b> Operating Systems	3	<b>M</b> Network Security and Forensics	3
<b>M</b> Computer Algorithms	3	<b>M</b> Computer Science Elective	3
<b>M</b> Computer Security and Forensics	3	<b>M</b> Ethics and Information Technology	3
<b>M</b> Mathematics Elective	3	<b>M</b> Capstone Experience in Digital Forensics/Cybersecurity I	3
<b>Total</b>	15	<b>Total</b>	15

This plan assumes that students are transferring to John Jay College with 60 credits. Students are required to earn 120 total credits in order to graduate with the BS degree.

[Questions? Ask the JJ experts!](#)

[Click here to see how your courses at BCC will transfer to John Jay.](#)