

# CS/CSIS Four-Year Academic Plan

Student Name: \_\_\_\_\_ Student ID: \_\_\_\_\_ Major: Computer Science AS/Computer Science & Information Security BS

## YEAR 1 at Kingsborough Community College

Trimester 1		Trimester 2		Trimester 3		Summer	
<b>G</b> ENG 1200	3	<b>G</b> U.S. Experience in Its Diversity*	3	<b>G</b> ENG 2400	3		
<b>M</b> MAT 1400 (Anal Geo and Pre-Calc)	4			<b>M</b> CS 1200 (Intro to Computing)	4		
<b>G</b> Life and Physical Sciences*	3			<b>M</b> MAT 1500 (Calculus I)	4		
<b>G</b> Creative Expression*	3			<b>G</b> Individual and Society*	3		
Total Hours	13	Total Hours	3	Total Hours	14	Total Hours	

## YEAR 2 at Kingsborough Community College

Trimester 1		Trimester 2		Trimester 3		Summer	
<b>M</b> MAT 1600 (Calculus II)	4			<b>M</b> CS 3500 (Discrete Structures)	4		
<b>M</b> CS 13Ao (Advanced Programming)	4			<b>M</b> CS 3700 (Data Structures)	4		
<b>M</b> MAT 5600 Linear Algebra	3			<b>M</b> MAT 2100 (Calculus III)	4		
<b>M</b> CS 1400 (Computer Org. & Assembly Lang Program)	4			<b>G</b> World Cultures and Global Issues*	3		
Total Hours	15	Total Hours		Total Hours	15	Total Hours	

### Comments:

\*Students are advised to consult with an advisor on course selection.

**G** GenEd **M** Major

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## YEAR 3 at John Jay College

Semester 1		Semester 2		Summer	
<b>M</b> MAT 301 (Prob. & Math. Statistics I)	3	<b>M</b> CSCI 360 (Cryptography and Cryptanalysis)	3		
<b>M</b> CSCI 375 (Operating Systems)	3	<b>M</b> CSCI 374 (Programming Languages)	3		
<b>M</b> CSCI 377 (Computer Algorithms)	3	<b>M</b> CSCI 379 (Computer Networking)	3		
<b>G</b> 300-Level Justice Gen. Education	3	<b>M</b> PHI 216 (Ethics and Information Technology)	3		
<b>E</b> Elective or Learning from the Past/Communications*	3	<b>E</b> Elective	3		
Total Hours	15	Total Hours	15	Total Hours	

## YEAR 4 at John Jay College

Semester 1		Semester 2		Summer	
<b>M</b> CSCI 400 (Capstone I)	3	<b>M</b> CSCI Elective	3		
<b>M</b> CSCI 411 (Computer Security and Forensics)	3	<b>M</b> CSCI 401 (Capstone II)	3		
<b>E</b> Elective	3	<b>M</b> CSCI 412 (Network Security & Forensics)	3		
<b>E</b> Elective	3	<b>E</b> Elective	3		
<b>E</b> Elective	3	<b>E</b> Elective	3		
Total Hours	15	Total Hours	15	Total Hours	

### Comments:

\*If not taken at KCC

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

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