CS/CSIS Four-Year Academic Plan

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

YEAR 1 at Bronx Community College

Immersion Summer		Semester 1			Semester 2		Summer	
	G E	MTH 30 (Precalculus Math) or elective [1]	4	G	MTH 31 (Calculus and Analytic Geometry I)	4		
	G	English Composition I	3	G	English Composition II	3		
	G	CSI 30 (Discrete Mathematics I)	3	M	CSI 31 (Introduction to Computer Programming I)	3		
	G	World Cultures & Global Issues[4]	3	G	Individual and Society[4]	3		
	G	Creative Expression[4]	3	E	Elective Course	1		
		Total Hours	16		Total Hours	14	Total Hours	

YEAR 2 at Bronx Community College

		Semester 1			Semester 2		Summer	
	M	MTH 32 (Analytic Geometry & Calculus II)	5	M	MTH 33 (Analytic Geometry and Calculus III)	5		
	G	Life and Physical Sciences[2]	4	M	CSI 33 (Data Structures)	3		
	M	CSI 32 (Introduction to Computer Programming II)	3	G	Additional Flexible Course[4]	4		
	M	CSI 35 Discrete Mathematics II	3	G	U. S. Experience in Its Diversity[4]	3		
		Total Hours	15		Total Hours	15	Total Hours	

G GenEd   M Major   E Elective

Comments:

[1] Consult with advisor about mathematics placement. If MTH30 not needed, take additional elective course.
[2] BIO 11 General Biology I OR CHM 11 General Chemistry I OR PHY 11 College Physics I OR PHY 31 Physics I
[3] BIO 12 General Biology II OR CHM 12 General Chemistry II OR PHY 12 College Physics II OR PHY 32 Physics II
[4] You can take Flexible Core courses (WCGI, CE, IS, USED) in any semester you choose

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YEAR 3 at John Jay College

Semester 1			Semester 2			Summer	
M MAT 301 (Probability & Mathematical Statistics I)	3		**M** CSCI 360 (Cryptography and Cryptanalysis)	3			
M CSCI 377 (Computer Algorithms)	3		**M** CSCI 374 (Programming Languages)	3			
M CSCI 274 (Computer Architecture)	3		**M** CSCI 375 (Operating Systems)	3			
G Elective or Learning from the Past/ Communications (CO)*	3		**M** CSCI 379 (Computer Networking)	3			
G 300 level Justice Gen. Education (CO)	3		**M** PHI 216 (Ethics and Info Tech)	3			
Total Hours	15		Total Hours	15		Total Hours	

YEAR 4 at John Jay College

Semester 1			Semester 2			Summer	
E Elective	3		**M** CSCI 401 (Capstone II)	3			
M CSCI 400 (Capstone I)	3		**M** CSCI 412 (Network Security & Forensics)	3			
M CSCI 411 (Computer Security and Forensics)	3		**M** CSCI Category A Elective	3			
E Elective	3		**E** Elective	3			
E Elective	3		**E** Elective	3			
Total Hours	15		Total Hours	15		Total Hours	

G GenEd **M** Major **E** Elective

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Comments:

*If not taken at BCC

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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