

**Undergraduate Major Map** 

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Catalog Year2012College / SchoolEngineeringMajorComputer Science - BSTrack / Concentration

Career Path Two Year Transfer

	Course Required	Description	Credit Hours	Critical Progress	Min GPA: 2.20
	CDA3103	Fund Computer System	3		
Fall 2012	COM3110	Bus And Prof Commun	3		
Total Credits 15	COP3337	Programming II	3	B-	
	ENC3213	Prof and Tech Writing	3		
		General Electives	3		

	Course Required	Description	Credit Hours	Critical Progress	Min GPA: 2.20
	CDA4101	Structure Comp Org	3		
	CGS3092	Ethics/Soc In Cs	1	С	
Spring 2013 Total Credits 15		Data Structures	3	С	
	COT3420	Logic For Comp Sci	3		
	STA3033	Prob & Stat For Cs	3		
		General Electives	2		

Summer 2013	Course Required	Description	Credit Hours	Critical Progress	(1) Use this Semester to catch up on coursework if necessary.
Total Credits 0			0		



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	Course Required	Description	Credit Hours	Critical Progress	Min GPA: 2.20
	CEN4010	Software Eng I	3	С	
Fall 2013	COP4338	Programming III	3		
Total Credits 15	COP4710	Database Management	3		]
	MAD3512	Theory Algorithms	3		
	(2)	List C (CS Elective)	3		

	Course Required	Description	Credit Hours	Critical Progress	Min GPA: 2.00
	CIS4911	Senior Project	3		
Spring 2014 Total Credits 15	COP4555	Prin Of Prog Lang	3		
	COP4610	Operating Syst Princ	3		
	(2)	List C (CS Elective)	6		

## **General University Requirements**

For students who are deficient in a foreign language, the general electives should include a twosemester sequence in one foreign language.

(1) Students are required to earn at least nine credit hours prior to graduation by attending one or more summer semesters at FIU or any other University in the Florida State system.

(2) List C: CS Electives: Choose two from Set 1 (CAP 4770, COP 4604, CEN 4021, COP 4226, CEN 4072, COP 4520) and one from Set 2 (MAD 3305, MAD 4203, MAD 3401, MHF 4302)