

Catalog Year 2012
College / School Engineering
Major Computer Science - BS
Track / Concentration

Career Path Four Year Freshman

Fall 2012 Total Credits 15	Course Required	Description	Credit Hours	Critical Progress	Min GPA: 2.2
	CGS1920	Intro to Computing	1		
	ENC1101	Writing and Rhetoric I	3		
	MAC2147	Pre-Calculus Math	4	C	
	SLS1501	First Year Exper	1		
	(1)	List A (Science Elective)	3		
	(2)	Humanities w/ Writing - Historical	3		

Spring 2013 Total Credits 14	Course Required	Description	Credit Hours	Critical Progress	Min GPA: 2.2
	ENC1102	Writing and Rhetoric II	3		
	MAC2311	Calculus I	4	C	
	(3)	List B (Satisfies Life Science and Lab)	4		
(2)	Humanities w/ Writing	3			

Summer 2013 Total Credits 0	Course Required	Description	Credit Hours	Critical Progress	Use this Semester to catch up on coursework if necessary. At least 9 credit hours must be taken in one or more summers at FIU or any other university in the Florida State system.
				0	

Fall 2013 Total Credits 14	Course Required	Description	Credit Hours	Critical Progress	Min GPA: 2.2
	COP2210	Programming I	4	B-	
	MAC2312	Calculus II	4	C	
	(2)	Societies & Identities	3		
	(2)	Arts	3		

Spring 2014 Total Credits 17	Course Required	Description	Credit Hours	Critical Progress	Min GPA: 2.2
	COP3337	Programming II	3	B-	
	MAD2104	Discrete Mathematics	3	C	
	PHY2048	Physics W/Calculus I	4		
	PHY2048L	General Phys Lab I	1		
		General Elective	3		
(2)	Foundations of Social Inquiry	3			

Summer 2014 Total Credits 0	Course Required	Description	Credit Hours	Critical Progress	Use this Semester to catch up on coursework if necessary. At least 9 credit hours must be taken in one or more summers at FIU or any other university in the Florida State system.
				0	

Fall 2014 Total Credits 14	Course Required	Description	Credit Hours	Critical Progress	Min GPA: 2.2
	CDA3103	Fund Computer System	3		
	COP3530	Data Structures	3	C	
	ENC3213	Prof and Tech Writing	3	B-	
	PHY2049	Physics W/Calc II	4		
PHY2049L	General Phys Lab II	1			

Spring 2015 Total Credits 16	Course Required	Description	Credit Hours	Critical Progress	Min GPA: 2.2
	CDA4101	Structure Comp Org	3		
	CGS3092	Ethics/Soc In Cs	1		
	COM3110	Bus And Prof Commun	3		
	COP4710	Database Management	3		
	COT3420	Logic For Comp Sci	3		
		General Elective	3		

Summer 2015 Total Credits 0	Course Required	Description	Credit Hours	Critical Progress	Use this Semester to catch up on coursework if necessary. At least 9 credit hours must be taken in one or more summers at FIU or any other university in the Florida State system.
				0	

Fall 2015 Total Credits 15	Course Required	Description	Credit Hours	Critical Progress	Min GPA: 2.2
	CEN4010	Software Eng I	3		
	COP4338	Programming III	3		
	MAD3512	Theory Algorithms	3		
	STA3033	Prob & Stat For Cs	3		
(4)	List C (CS Elective)	3			

Spring 2016 Total Credits 15	Course Required	Description	Credit Hours	Critical Progress	Min GPA: 2.2
	CIS4911	Senior Project	3		
	COP4555	Prin Of Prog Lang	3		
	COP4610	Operating Syst Princ	3		
	(4)	List C (CS Elective)	6		

Summer 2016 Total Credits 0	Course Required	Description	Credit Hours	Critical Progress	Use this Semester to catch up on coursework if necessary.
				0	

General University Requirements

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

(1) List A: CS Science Electives: Choose from AST2003, AST2004, BOT1010, BSC1010, BSC1011, CHM1045, CHM1046, GLY1010, GLY1100, GLY3754, GLY4400, GLY4450, MCB2000, OCB2003, OCE3014, PCB2061, PHY3106, PHY3107, PHY3513, PHY4323, PHY4324

(2) Refer to <http://undergrad.fiu.edu/advising/uccform.html> for a list of acceptable courses to satisfy these requirements.

(3) List B: UCC Life Science classes that are also acceptable as CS Science electives: Choose from: BSC1010, BOT1010, MCB2000, OCB2003 and corresponding lab

(4) List C: CS Electives: Choose two from Set 1 (CAP4770, COP4604, CEN4021, COP4226, CEN4072, COP4520) and one from Set 2 (MAD3305, MAD4203, MAD3401, MHF4302)