FIU | FLORIDA INTERNATIONAL UNIVERSITY   **Undergraduate Major Map**

Catalog Year 2012

College / School Engineering

Major Information Technology - BS

Track / Concentration Software

Career Path Three Year Transfer

	Course Required	Description	Credit Hours	Critical Progress	Milestones: * CGS3767 completed
Fall 2012 Total Credits 12	CEN3721	Human-Computer Interaction	3		Min GPA: 2.2
	CGS3767	Computer Os	3	C+	
		General Electives	6		

	Course Required	Description	Credit Hours	Critical Progress	Milestones: * COP3337 completed
Spring 2013 Total Credits 12	COP3337	Programming II	3	B-	Min GPA: 2.2
	ENC3213	Prof and Tech Writing	3		
		General Electives	6		

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

	Course Required	Description	Credit Hours	Critical Progress	Min GPA: 2.2
Fall 2013 Total Credits 12	CGS3092	Ethics/Soc In Cs	1		
	CDA3103	Fundamentals of Computer Systems	3		
	(1)	List A (Interdisciplinary Courses)	3		
		General Electives	5		

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	Course Required	Description	Credit Hours	Critical Progress	Min GPA: 2.0
Spring 2014 **Total Credits 12**	CGS4285	Appl Networking	3		
	CGS4854	Websiteconmgmt	3		
	COP 4703	Information Storage and Retrieval	3		
		General Electives	3		

	Course Required	Description	Credit Hours	Critical Progress	Use this Semester to catch up on coursework if necessary.
Summer 2014 **Total Credits 0**			0		

	Course Required	Description	Credit Hours	Critical Progress	Min GPA: 2.2
Fall 2014 **Total Credits 12**	CNT4403	Computer Security	3		
	COP3530	Data Structures	3		
	(1)	List A (Interdisciplinary Courses)	3		
	(2)	List B (IT Electives)	3		

	Course Required	Description	Credit Hours	Critical Progress	Min GPA: 2.0
Spring 2015 **Total Credits 12**	COP4338	Programming III	3		
	COP4814	Compon Software Dev	3		
	(1)	List A (Interdisciplinary Courses)	3		
	(2)	List B (IT Electives)	3		

General University Requirements

(1) List A: Interdisciplinary Credits: Nine credits must be taken outside SCIS. These credits must be selected from the courses for a minor or certificate in another discipline. All nine credits must be taken from the same minor or certificate.

(2) List B: IT Electives: Students must take 2 elective courses in one area of concentration. Areas: System Administration (CIS 4431 - IT Automation, CTS 4348 Unix Admin), Database Administration (COP 4722 - DB Survey, COP 4723 - DB Admin), Network Administration (CNT 4504 - Advanced Network Management, CNT 4513 - Data Communications), Application Development (COP 4005 - Windows Programming for IT, COP 4813 - Web Application Programming , COP 4655 - Mobile Application Development).

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

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.