



Department of Computer Science

Study Plan for Bachelor Degree in Computer Science (Curriculum 2013)



Acad. Year	First Trimester						Second Trimester						Third Trimester					
	Course Code	Course Name	Pre-req	Hours			Course Code	Course Name	Pre-req	Hours			Course Code	Course Name	Pre-req	Hours		
				Cr	Th	Pr				Cr	Th	Pr				Cr	Th	Pr
1	0911110	Introduction to Computing	-----	3	4.5	2.25	0816152	Biology	-----	4	4.5	3	0814132	Physics	-----	4	4.5	3
	0912111	Fundamentals of IS	-----	3	4.5	0	0817208	Intro. To Statistics & Probability Theory	0817111	3	4.5	0	1900101	Creed and Doctrines	-----	2	3	0
	0817111	Calculus	-----	3	4.5	0	0911120	Fund. of Programming	0911110	3	4.5	2.25	1900102	Islamic Culture	-----	2	3	0
	<b>Total</b>			9	13.5	2.25	<b>Total</b>			10	13.5	5.25	<b>Total</b>			11	15	3
2	0913121	Electronics	0814132	4	4.5	2.25	0913213	Digital Hardware	0913121	3	4.5	2.25	0622290	Business (1)	0912111	3	4.5	0
	0911211	Data Structure	0911120	2	4.5	2.25	0912222	Database Concepts & Design	0912111	3	4.5	2.25	0911221	Operating Systems	0913213	3	4.5	2.25
	0914214	Com. & Network Fund.	0911110	3	4.5	2.25	0911210	Object Oriented Prog. (1)	0911120	3	4.5	2.25	0914223	Net. Protocols & E-Commerce Technology	0914214	3	4.5	2.25
	<b>Total</b>			9	13.5	6.75	<b>Total</b>			9	13.5	6.75	<b>Total</b>			9	13.5	4.5
3	0911220	Object Oriented Prog. (2)	0911210	3	4.5	2.25	0912212	Technical Reports	0912111	2	3	0	0912312	Professional Responsibility	0912212	2	3	0
	0911321	Language Theory & Finite Automata	0817125	3	4.5	0	0911320	Computer Data Security and Privacy	0911221 0914223	3	4.5	0	0912323	Web-Based Systems	0914223 0912222	3	4.5	2.25
	0911310	Software Engineering	0911220 0912222	3	4.5	2.25	0911311	Algorithms Analysis & Design	0817301	3	4.5	0	0817125	Logic & proof Techniques	0817301	3	4.5	0
	0913313	Computer Organization	0913213	3	4.5	2.25	0817302	Numerical Analysis	0817301	3	4.5	0	0912322	Human Computer Interaction	0911220	3	4.5	2.25
	<b>Total</b>			12	18	6.75	<b>Total</b>			11	16.5	0	<b>Total</b>			11	16.5	4.5
Summer Semester																		
Course Code		Course Name				Credit Hours		Pre-Requisite										
0911330		Practical (Co-op) Training				3		"Department Approval and Finish 85 Credit Hours "										
4	0911410	Project Proposal	Dept. Approval	2	-	-	0911411	Artificial Intelligence	0817125	3	4.5	2.25	0911420	Project Implementation	0911410	3	-	-
	7401---	University Elective 1	-----	2	3	0	0911412	Mobile Computing	0914223	3	4.5	0	0911421	Selected Topics in CS	0911410	3	4.5	0
							091----	Program Elective 1	?	3	4.5	?	091----	Program Elective 2	?	3	4.5	?
							7401---	University Elective 2	-----	2	3	0	091----	Program Elective 3	?	3	4.5	?
	<b>Total</b>			4	3	0	<b>Total</b>			11	16.5	2.25	<b>Total</b>			12	13.5	0

Elective Courses	Program Elective Courses (3 Courses of 9 Credit Hours Total)						University Elective Courses ( 2 Courses of 4 Credit Hours Total)			
	Course Code	Course Name	Pre-req.	Hours			Course Code	Course Name	Hours	
				Cr	Th	Pr			Cr	Th
	0911413	Basic Language Translator (Compiler)	0911321	3	4.5	0	7401317	Islamic Morality and Professional Ethics	2	3
7401318							Economic System in Islam	2	3	
0911414	Modeling & Simulation	0817301	3	4.5	2.25	7401401	Social System in Islam	2	3	
						7401418	Political system and human rights in Islam	2	3	
0911415	Advanced Programming Language	0911321 0911221	3	4.5	2.25	7401302	Islam and issues of science and technology	2	3	
						7401102	Jurisprudence of Biography	2	3	
0912414	Data Mining & Warehousing	0911120 0912222	3	4.5	2.25					
0911422	Multi Agents	0911221	3	4.5	0					
0911423	Computer Vision & Comp Graphics	0911220	3	4.5	0					
0911424	Advanced Operating Systems	0911311 0914223	3	4.5	0					
0911425	Mobile Applications Programming	0914223	3	4.5	2.25					