



Department of Computer Networks and Communications

Study Plan for Bachelor Degree in Computer Information Systems (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
													0817301	Discrete Math	0817208	3	4.5	0
	Total			9	13.5	2.25	Total			10	13.5	5.25	Total			11	15	3
2	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
	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	
	Total			9	13.5	6.75	Total			9	13.5	6.75	Total			9	13.5	4.5
3	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
	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
0912313	IT Project Management	0622290	3	4.5	0	0911320	Computer Data Security & Privacy	0914223 0911221	3	4.5	0	0912323	Web-Based Systems	0914223 0912222	3	4.5	2.25	
0622391	Business (2)	0622290	3	4.5	0	0912311	System Analysis & Design (1)	0911220	3	4.5	2.25	0912321	System Analysis & Design (2)	0912311	3	4.5	2.25	
0912310	Database Management Systems	0912222	3	4.5	2.25	0912324	Information Systems Management	0912310	3	4.5	0	0912322	Human Computer Interaction	0911220	3	4.5	2.25	
	Total			12	18	4.5	Total			11	16.5	2.25	Total			11	16.5	6.75
Summer Semester																		
Course Code		Course Name				Credit Hours		Pre-Requisite										
0912330		Practical (Co-op) Training				3		"Department Approval and Finish 85 Credit Hours "										
4	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
	0912410	Project Proposal	Dept. Approval	2	---	---	0912411	Software Quality Assurance	0912321	3	4.5	0	0912420	Project Implementation	0912410	3	4.5	0
7401---	University Elective 1	-----	2	3	0	0912412	E-Business Strategy	0912324	3	4.5	0	0912421	Selected Topics in IS	0912410	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	?	
	Total			4	3	0	Total			11	16.5	0	Total			12	18	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
0912413	Object Oriented Analysis & Design	0912321	3	4.5	2.25	7401317	Islamic Morality and Professional Ethics	2	3	
						7401318	Economic System in Islam	2	3	
0912414	Data Mining & Warehousing	0911120	3	4.5	2.25	7401401	Social System in Islam	2	3	
		0912222				7401418	Political system and human rights in Islam	2	3	
0912415	Decision Support & Expert Systems	0912321	3	4.5	0	7401302	Islam and issues of science and technology	2	3	
						7401102	Jurisprudence of Biography	2	3	
0911414	Modeling & Simulation	0817301	3	4.5	2.25					
0912422	Object-Oriented Database	0912310	3	4.5	2.25					
0912423	Distributed & Mobile Database	0912310	3	4.5	2.25					
0912424	Knowledge Management & Information Retrieval	0912222	3	4.5	0					