



Department of Computer Information Systems

Study Plan for Bachelor Degree in Computer Information Systems (Curriculum 2019)



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	0827111	Calculus	----	3	4.5	0	0826152	Biology	----	3	4.5	0	1900101	Creed and Doctrines	----	2	3	0
	0921110	Introduction to Computing	----	4	4.5	4.5	0827121	Probability and Statistics	0827111	3	4.5	0	0603103	Business and Accounting	1722111	3	4.5	0
	1722111	Academic English	----	3	4.5	0	0921120	Fundamentals of Programming	0921110	4	4.5	4.5	0814132	Physics	----	4	4.5	3
	<b>Total</b>			10	13.5	4.5	<b>Total</b>			10	13.5	4.5	<b>Total</b>			12	16.5	3
2	0921212	Linear Algebra	0827122	3	4.5	0	0922222	Database Concepts and Design	0921211	4	4.5	4.5	1900102	Islamic Culture	----	2	3	0
	0921211	Data Structure and Algorithms	0921120 0827122	4	4.5	4.5	0923223	Digital Logic and Design	0814132	4	4.5	4.5	0922221	Requirements Engineering	0921210	4	4.5	4.5
	0924214	Fundamentals of Computer Networks	0921110	4	4.5	4.5	0921210	Object Oriented Programming(1)	0921120	4	4.5	4.5	0922224	Rapid Application Development	0921210	4	4.5	4.5
	<b>Total</b>			11	13.5	9	<b>Total</b>			12	13.5	13.5	<b>Total</b>			12	15	9
3	0922312	Technical Reports	1722111	3	4.5	0	0922310	Organization and Management	0603103	3	4.5	0	0922322	Professional Responsibility	0922312 0826152	3	4.5	0
	0923313	Computer Organization and Architecture	0923223	4	4.5	4.5	0922311	System Analysis and Design	0922221	4	4.5	4.5	0922323	Database Management Systems	0921212 0922222	4	4.5	4.5
	0922314	Web-based Systems	0922224	4	4.5	4.5	0921320	Computer Security	0924214	3	4.5	0	0922324	IT Project Management	0922311	3	4.5	0
	<b>Total</b>			11	13.5	9	<b>Total</b>			14	18	9	<b>Total</b>			10	13.5	4.5
Summer Semester																		
Course Code		Course Name				Credit Hours		Pre-Requisite										
0922330		Practical (Co-op) Training				3		"Department Approval and Finish 95 Credit Hours "										
4	0922410	Project Proposal	Dept. Approval	2	---	---	0922411	Information Security and Assurance	0827121 0921320	3	4.5	0	0922421	Selected Topics in Information Systems	0922410	3	4.5	0
	1900???	University Elective(2)		2	3	0	0922412	Enterprise Systems	0922310	3	4.5	0	0922422	Electronic Business	0922310	3	4.5	0
							092?4??	Program Elective(1)	?	3	4.5	0	092?4??	Program Elective(3)	?	3	4.5	0
							092?4??	Program Elective(2)	?	3	4.5	0	0922420	Project Implementation	0922410	3	---	---
	<b>Total</b>			4	3	0	<b>Total</b>			12	18	0	<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			Cr	Th	
	0922414	Mining of Massive Datasets	0922222	3	4.5	1900103	Islamic Morals and Occupational Ethics	2	3	
	0922415	Data Analytics and Visualization	0827121	3	4.5	1900104	Studies in the Prophet's Biography	2	3	
	0922416	Web application Penetration Testing	0921320	3	4.5	1900105	Medical Jurisprudence	2	3	
	0922417	Human Computer Interaction	0922224	3	4.5	1900106	Economy and Politics in Islam	2	3	
	0922418	Software Quality Assurance	0922311	3	4.5	1900107	Social System and Family Behavior	2	3	
	0921422	Mobile Application Development	0921210	3	4.5	0602233	Fundamentals of Entrepreneurship	2	3	
	0922423	Agile Software Development	0922311	3	4.5	1900109	Health and Fitness	2	3	
0922424	Decision Support Systems	0922412	3	4.5	1900110	Research Skills	2	3		
0922425	IT Innovation and Entrepreneurship	0922310	3	4.5	1900111	Voluntary Work	2	3		
0922426	Information Security Risk Management	0922411	3	4.5	1900112	Medicine: Type and Usage	2	3		
0922427	Information Security Controls and Audit	0922411	3	4.5	1900113	Human Rights in Islam	2	3		
					1900114	Food and Nutrition	2	3		