Department of Information Systems (0922)
Study Plan for Bachelor Degree in Computer Information Systems (0922)
(133 Credit Hours) Male and Female students

KFU جامعة الملك فيصل
KING FAISAL UNIVERSITY
كلية علوم الحاسب وتقنية المعلومات
College of Computer Sciences & Information Technology

Year 1

Acad. Year	_	First Semester (5 Courses)					_	Second Semester (5 Courses)				
	Course Code	Course Name	Pre-req.	Cr	Th	Pr	Course Code	Course Name	Pre-req.	Cr	Th	Pr
1	0814132	Physics	----	4	3	2	0603103	Business and Accounting	1722111	3	3	0
	0827111	Calculus	----	3	3	0	0826152	Biology	----	3	3	0
	0921110	Introduction to Computing	----	4	3	3	0827121	Probability and Statistics	0827111	3	3	0
	1722111	Academic English	----	3	3	0	0827122	Discrete Mathematics	0827111	3	3	0
	1900101	Creed and Doctrines	----	2	2	0	0921120	Fundamentals of Programming	0921110	4	3	3
		Total		16	14	5		**Total**		16	15	3

Year 2

Acad. Year	Course Code	Course Name	Pre-req.	Cr	Th	Pr	Course Code	Course Name	Pre-req.	Cr	Th	Pr
2	0921210	Object Oriented Programming(1)	0921120	4	3	3	0922221	Requirements Engineering	0921210	4	3	3
	0921211	Data Structure and Algorithms	0921120 0827122	4	3	3	0922222	Database Concepts and Design	0921211	4	3	3
	0921212	Linear Algebra	0827122	3	3	0	0923223	Digital Logic and Design	0814132	4	3	3
	0924214	Fundamentals of Computer Networks	0921110	4	3	3	0922224	Rapid Application Development	0921210	4	3	3
	1900102	Islamic Culture	----	2	2	0	1900???	University Elective(1)	----	2	2	0
		Total		17	14	9		**Total**		18	14	12

Year 3

Acad. Year	Course Code	Course Name	Pre-req.	Cr	Th	Pr	Course Code	Course Name	Pre-req.	Cr	Th	Pr
3	0922310	Organization and Management	0603103	3	3	0	0921320	Computer Security	0924214	3	3	0
	0922311	System Analysis and Design	0922221	4	3	3	0921321	Operating Systems	0923313	4	3	3
	0922312	Technical Reports	1722111	3	3	0	0922322	Professional Responsibility	0922312	3	3	0
	0923313	Computer Organization and Architecture	0923223	4	3	3	0922323	Database Management Systems	0921212	4	3	3
	0922314	Web-based Systems	0922224	4	3	3	0922324	IT Project Management	0922311	3	3	0
		Total		18	15	9		**Total**		17	15	6

Summer Semester (One Course)				
Course Code	Course Name	Credit Hours	Pre-requisite	
0922330	Practical (Co-op) Training	3	Department Approval and Finish 95 Credit Hours	

Year 4

Acad. Year	Course Code	Course Name	Pre-req.	Cr	Th	Pr	Course Code	Course Name	Pre-req.	Cr	Th	Pr
4	0922410	Project Proposal	Dept. Approval	2	---	---	0922420	Project Implementation	0922410	3	---	---
	0922411	Information Security and Assurance	0827121 0921320	3	3	0	0922421	Selected Topics in Information Systems	0922410	3	3	0
	0922412	Enterprise Systems	0922310	3	3	0	0922422	Electronic Business	0922310	3	3	0
	1900???	University Elective(1)		2	2	0	092?4??	Program Elective(2)	?	3	3	0
	092?4??	Program Elective(1)	?	3	3	0	092?4??	Program Elective(3)	?	3	3	0
		Total		13	11	0		**Total**		15	12	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.	Cr	Th	Course Code	Course Name	Cr	Th	
0922414	Mining of Massive Datasets	0922222	3	3	1900103	Islamic Morals and Occupational Ethics	2	2	
0922415	Data Analytics and Visualization	0827121	3	3	1900104	Studies in the Prophet's Biography	2	2	
0922416	Web application Penetration Testing	0921320	3	3	1900105	Medical Jurisprudence	2	2	
0922417	Human Computer Interaction	0922224	3	3	1900106	Economy and Politics in Islam	2	2	
0922418	Software Quality Assurance	0922311	3	3	1900107	Social System and Family Behavior	2	2	
0921422	Mobile Application Development	0921210	3	3	0602233	Fundamentals of Entrepreneurship	2	2	
0922423	Agile Software Development	0922311	3	3	1900109	Health and Fitness	2	2	
0922424	Decision Support Systems	0922412	3	3	1900110	Research Skills	2	2	
0922425	IT Innovation and Entrepreneurship	0922310	3	3	1900111	Voluntary Work	2	2	
0922426	Information Security Risk Management	0922411	3	3	1900112	Medicine: Type and Usage	2	2	
0922427	Information Security Controls and Audit	0922411	3	3	1900113	Human Rights in Islam	2	2	
					1900114	Food and Nutrition	2	2	