

Student NO

Course No	Course Name	C.H	Prerequisite	Y	S	Notes
First: University Requirements (27 C.H)						
A) Compulsory University Requirements (12 C.H)						
1001201	Islamic Culture and Contemporary Issues	3	ما عدا طلبية الشريعة			
1002102	Arabic Language(2)	3	0201100			
1002302	History of Jordan and Palestine	3	ما عدا طلبية الآداب			
1002303	Jerusalem: History and Civilization	3	--			
B) Elective University Requirements (15 C.H): minimum of 3 C.H from each group						
Humanity science						
1001201	Islamic Culture and Contemporary Issues	3				
1002102	Arabic Language(2)	3	0201100			
1002302	History of Jordan and Palestine	3				
1002303	Jerusalem: History and Civilization	3				
Social and Economics						
1002304	Introduction to Sociology	3				
1004101	Principles of Economics	3				
1005101	Principles of Education	3				
1006101	Principles of Law	3				
1014101	Principles of Communication Science	3				
Technology , Health and Agriculture						
1003301	Principles of Astronomy	3	--			
1003302	Scientific Culture	3	--			
1007010	Principles of Environmental Science	3	--			
Second: Faculty Requirements : 21 C.H						
0301101	Calculus 1	3	--			
0301102	Calculus 2	3	0301101			
0301131	Introduction to Statistics	3	--			
0302101	General Physics 1	3	--			
0302102	General Physics 2	3	0302101			
0306110	Computer Programming (1)	3	--			
0306132	Computer Applications and Internet	3	--			
Third: Department Requirements 78 C.H						
A) Compulsory Department Requirements 63 C.H						
0306201	Digital Logic Design	3	--			
0306202	Discrete Mathematics	3	0306110			
0305203	Introduction to Software Engineering	3	0306211			
0306211	Computer Programming (2)	3	0306110			
0306217	Advanced Programming	3	0306211			
0306221	Computer Organization and Architecture	3	0306201			
0306250	Data Structures	3	0306211			
0305301	Object Oriented System Engineering	3	0305203			

Name

Course No	Course Name	C.H	Prerequisite	Y	S	Notes
0305302	Software Archeticture	3	0305301			
0306324	Networks and its Management	3	0306250			
0309331	Database Systems	3	0306250			
0306352	Design and Analysis of Algorithms	3	0306250 & 0306202			
0309353	Systems Analysis	3	0309331			
0305355	Software Modeling and Analysis	3	0306250			
0305356	Software Design	3	0305301			
0305390	Internship for SE	0	موافقة القسم			
0306432	Operating Systems	3	0306250			
0309438	Advanced Database Systems	3	0309331			
0305444	Software Testing	3	0305301			
0305445	Software Documentation and	3	0305356			
0305459	Software Project Management	3	0306250			
0305490	Graduation Project for SE	3	0305390			
B) Elective Department Requirements: 15 C.H At Least 6 hours from fourth level						
0308110	Web Programming (1)	3	0306132			
0306215	Special Programming Language 1	3	موافقة القسم			
0305303	Software System Requirements	3	0305203			
0306314	Programming languages	3	0306250			
0306316	Special Programming Language 2	3	موافقة القسم			
0305335	Formal Methods	3	0306250			
0306340	Numerical Analysis	3	0306110 & 0301241			
0305343	Component-based development	3	0306250			
0308357	Web Engineering	3	0309353			
0306380	Artificial Intelligence	3	0306250			
0309384	Digital Image Processing	3	0306250			
0309401	Computer Ethics	3	0309331			
0305440	Human Computer Interaction	3	0306250			
0305456	Software Quality Assurance	3	0305301			
0309481	Network and Information Security	3	0309331			
0309482	Database Languages and Tools	3	0309331			
0305482	Software System Maintenance	3	0305356			
0306485	Special Topics in IT (1)	3	موافقة القسم			
0306486	Special Topics in IT (2)	3	موافقة القسم			
0309489	Electronic Commerce	3	0306132			
Fourth: Supporting Requirements 3 C.H						
0301241	Linear Algebra 1	3	--			
Fifth: Free Requirements :3 C.H						