

Student NO

Course No	Course Name	C.H	Prerequisite	Y	S	Notes
First: University Requirements (27 C.H)						
A) Compulsory University Requirements (15 C.H)						
0200100	Military Sciences	3	--			
0200102	Arabic Language(1)	3	0200150			
0200103	English Language(1)	3	0200151			
0200104	Civil Education	3	--			
0200111	Islamic Culture and Contemporary Issues	3	--			
B) Elective University Requirements (12 C.H)						
0200112	Arabic Language(2)	3				
0200113	History of Jordan and Palestine	3				
0200114	Jerusalem: History and Civilization	3				
0200122	Principles of Education	3				
0200125	Principles of Law	3				
0200126	Principles of Communication Science	3				
0200127	Student Ethics	3				
0300123	Principles of Astronomy	3				
0300124	Scientific Culture	3				
0300145	Principles of Environmental Science	3				
0300146	Fundamentals of Public Health	3				
0300161	First Aid	3				
0300171	Introduction to Renewable Energy					
Second: Faculty Requirements : 21 C.H						
1501110	Computer Programming (1)	3	--			
1501112	Computer Programming (2)	3	1501110			
1504180	Web Programming (1)	3	1501110			
1501220	Discrete Mathematics	3	1501110			
1501221	Data Structures	3	1501112			
1503270	Introduction to Software Engineering	3	1501112			
1502360	Research Methodology and Ethics	3	--			
Third: Department Requirements 69 C.H						
A) Compulsory Department Requirements 57 C.H						
1501111	Programming (1) Lab	1	--			
1501113	Programming (2) Lab	1	1501111			
1504181	Web (1) Lab	1	--			
1501210	Selected Programming Language	3	1501110			
1501230	Digital Logic Design	3	--			
1501231	Computer Organization and Architecture	3	1501230			
1503271	Software System Requirements	3	1503270			
1503272	Software Systems Modeling	3	1503271			
1501310	Advanced Programming	3	1503270,1501210			
1501321	Design and Analysis of Algorithms	3	1501221			

Name

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1501340	Computer Networks	3	1501221			
1502351	Database Systems	3	1501221			
1503370	Software Design and Archtecture	3	1503271			
1502372	Systems Analysis	3	1502351			
1503374	Software Documentation	3	1502372			
1503390	Project 1	1	1502360			
1503391	Internship for SE	0	موافقة القسم			
1501430	Operating Systems	3	1501221			
1502453	Database Administration	3	1502351			
1503470	Software Project Management	3	1503270			
1503472	Software Testing and Quality Assurance	3	1503370			
1503475	Maintenance and Evolution	3	1503370			
1503490	Project 2	2	1503390			
B) Elective Department Requirements: 12 C.H At Least 3 hours from fourth level						
1504160	Computer Applications and Internet	3	--			
1501211	Special Programming Language	3	1501112			
1502261	Computer Assisted Learning	3	1501112			
1503273	Human Computer Interaction	3	1503270			
1504280	Web Programming (2)	3	1504180			
1502323	Operations Research	3	1501221			
1502361	Network and Information Security	3	1501340			
1503371	Softwate Engineering Tools	3	1503272			
1504385	IPAD Programming	3	1501112			
1501431	Distributed Systems and Cloud Computing	3	1501321			
1502454	Database Languages and Tools	3	1502351			
1503471	Large Scale Systems Design	3	1503370			
1503474	Component-based development	3	1503370			
1502476	Advanced Systems Analysis	3	1502372			
1503491	Special Topics in Software Engineering	3	موافقة القسم			
1501492	Emerging Topics in IT	3	موافقة القسم			
:Fourth						
0300101	Calculus 1	3	--			
0300103	Statistics and Probabilities	3	--			
0301241	Linear Algebra I	3	--			
0301372	Numerical Analysis	3	1501110			
Fifth: Free Requirements :3 C.H						