

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				
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			
1501310	Advanced Programming	3	1503270,1501210			
1501321	Design and Analysis of Algorithms	3	1501221			

Course No	Course Name	C.H	Prerequisite	Y	S	Notes
1501322	Theory of Computation	3	1501221			
1501326	Artificial Intelligence	3	1501221			
1501330	Assembly Language	3	1501231			
1501340	Computer Networks	3	1501221			
1502351	Database Systems	3	1501221			
1502361	Network and Information Security	3	1501340			
1502372	Systems Analysis	3	1502351			
1501390	Project 1	1	1502360			
1501391	Internship for CS	0	موافقة القسم			
1501420	Artificial Intelligence Tools	3	1501326			
1501421	Compilers Construction	3	1501322			
1501430	Operating Systems	3	1501221			
1501441	Wireless Networks	3	1501340			
1502453	Database Administration	3	1502351			
1501490	Project 2	2	1501390			
Department						
1501211	Special Programming Language	3	1501112			
1502260	Computer Information Systems	3	1501110			
1504280	Web Programming (2)	3	1504180			
1502323	Operations Research	3	1501221			
1501324	Programming languages	3	1501221			
1501341	Network Administration	3	1501340			
1502352	Distributed Databases	3	1502351			
1502365	Digital Image Processing	3	1501221			
1504385	IPAD Programming	3	1501112			
1501431	Distributed Systems and Cloud Computing	3	1501321			
1502452	Data Mining and Warehousing	3	1502351			
1502454	Database Languages and Tools	3	1502351			
1502461	Information Retrieval	3	1502351			
1503470	Software Project Management	3	1503270			
1501491	Special Topics in CS	3	موافقة القسم			
1501492	Emerging Topics in IT	3	موافقة القسم			
:Fourth						
0300101	Calculus I	3	--			
0300103	Statistics and Probabilities	3	--			
0301241	Linear Algebra I	3	--			
0301372	Numerical Analysis	3	1501110			
Fifth: Free						