

Hashemite University
 Prince Al-Hussein bin Abdullah II Faculty for Information Technology
 Department of Computer Information Systems
Bachelor Program of Computer Information Systems - Advisory Plan (2020)

First Year								
First Semester					Second Semester			
Course ID	Course Name	C.H.	Prerequisite		Course ID	Course Name	C.H.	Prerequisite
151001100	Introduction To Programming	3	-		151001110	Object Oriented Programming (1)	3	151001101
151001101	Introduction To Programming Lab.	1	w.151001100		151001111	Object Oriented Programming (1) Lab.	1	w.151001110
110101152	Discrete Mathematics	3	-		151001123	Digital Logic Design	3	110101152
110108101	Calculus 1	3	-		110108103	Principles of Statistics	3	-
121601101	Arabic Language	3	level exam or 121601099		121602101	English Language	3	level exam or 121602099
2114041125	Life Skills	2				Leadership and Social Responsibility	2	
	Total	15			Total	15		
Second Year								
First Semester					Second Semester			
Course ID	Course Name	C.H.	Prerequisite		Course ID	Course Name	C.H.	Prerequisite
151001250	Data Structures	3	151001111		151001214	Visual Programming	3	151001110
151001212	Object Oriented Programming (2)	3	151001110		151001215	Visual Programming Lab.	1	w.151001214
151001213	Object Oriented Programming (2) Lab.	1	w.151001212		151002240	Introduction to Database Systems	3	151001250
151003260	Funamentals of Software Engineering	3	151001110		151002241	Introduction to Database Systems Lab	1	w.151002240
1714041117	Military Sciences	3	-		1802051101	Principles of Management (1)	3	-
2210041132	Entrepreneurship and Innovation	2			1714041118	National Education	3	-
1802051106	Principles of Accounting	3	-		Department Elective	3		
	Total	18			Total	17		
Third Year								
First Semester					Second Semester			
Course ID	Course Name	C.H.	Prerequisite		Course ID	Course Name	C.H.	Prerequisite
151002310	Web Programming	3	151001110		151002471	Information System Security	3	151002240
151002311	Web Programming Lab.	1	w.151002310		151002375	e-Commerce	3	151002310
151001320	Computer Networks	3	151001123		151002374	Information Systems Management	3	151002240
151001351	Algorithms	3	151001250		1802051105	Principles of Finance	3	-
	Department Elective	3				Department Elective	3	
	University Elective	3				University Elective	3	
	Total	16			Total	18		
Fourth Year								
First Semester					Second Semester			
Course ID	Course Name	C.H.	Prerequisite		Course ID	Course Name	C.H.	Prerequisite
151001421	Wireless Networks and Mobile Applications	3	151001320		151002351	Data Mining	3	151001351
1802051103	Principles of Microeconomics	3	-		151002350	Data warehouse Systems	3	151002240
151002372	Information Retrieval Systems	3	151002240		111001491	Advanced DB Systems	3	151002240
151002470	System analysis and Design	3	151002240		151002493	Graduation Project (2)	2	151002492
	Department Elective	3				University Elective	3	
151002492	Graduation Project (1)	1	80 C. H.					
	Total	16			Total	14		
151002490	Practical Training	3	80 C.H.					

Total	132
18	University Requirement
9	University Elective
22	Faculty Requirement
71	Program Requirement
132	Program Elective