

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
	University Elective	3			University Elective	3	
	<b>Total</b>	<b>16</b>			<b>Total</b>	<b>16</b>	

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
1802051101	Principles of Management (1)	3	-	1714041117	Military Sciences	3	-
	University Elective	3		1714041118	National Education	3	-
					Department Elective	3	
	<b>Total</b>	<b>16</b>			<b>Total</b>	<b>17</b>	

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	
	<b>Total</b>	<b>16</b>			<b>Total</b>	<b>18</b>	

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
1802051106	Principles of Accounting	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	1802051103	Principles of Microeconomics	3	-
	Department Elective	3		151002493	Graduation Project (2)	2	151002492
151002492	Graduation Project (1)	1	80 C. H.				
	<b>Total</b>	<b>16</b>			<b>Total</b>	<b>14</b>	

151002490	Practical Training	3	80 C.H.
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Total	132
	University Requirement
	University Elective
	Faculty Requirement
	Program Requirement
	Program Elective