

Prince Alhussein Bin Abdullah The Second For Information Technology
Computer Science And Application (Csa)

Study Program : Bachelor
Study Plan Type : Major
Academic Year : 2022

The requirements to obtain a Bachelor degree is :-

*** The minimum requirements to get a Bachelor degree in / Computer Science And Application (Csa) / is to pass 132 credit hours, according to this study plan.**

*** The credit hours are distributed to get a Bachelor degree as follows :-**

Number of credit hours	
University Requirements	27.000
Compulsory	18.000
Elective	9.000
Faculty Requirements	22.000
Compulsory	22.000
Specialization Requirments	83.000
Compulsory	71.000
Elective	12.000
Pre-requist Courses	0.000
	0.000
Total :	132.000

University Requirements Credit Hours : 27
Requirement type : Compulsory Credit Hours :18

Course Number	Course Name	Credit Hours	Theoretical	Practical	Pre - Requisite	Cours e Type
2116011101	Arabic Communication Skills	3.000	3.000	0.000	121601099	online learning
2116021101	English Communication Skills	3.000	3.000	0.000	121602099	online learning
2214041117	Military Science	3.000	3.000			online learning
1714041118	National Education	3.000	3.000	0.000		online learning
2114041123	Leadership and Social Responsibility	2.000	2.000	0.000		online learning
2114041125	Life Skills	2.000	2.000	0.000		online learning
2210041132	enterepreurship and innovation	2.000	2.000	0.000		online learning

University Requirements Credit Hours : 27
Requirement type : Elective Credit Hours :9

Course Number	Course Name	Credit Hours	Theoretical	Practical	Pre - Requisite	Cours e Type
1804001128	Cyber Hygiene	3.000	3.000	0.000	110108099	in class
2210031100	digital culture	3.000	3.000	0.000		
1916033201	Italian Language (2)	3.000	3.000	0.000	1716031101	in class
1916034101	Russian Language (1)	3.000	3.000	0.000		online learning
1916034102	Russian Language (2)	3.000	3.000	0.000		
1916034201	Japanese (2)	3.000	3.000	0.000	1716031102	in class
1916035101	Turkish Language (1)	3.000	3.000	0.000		in class
1916036101	Korean Language (1)	3.000	3.000	0.000		in class
1916036102	Korean Language(2)	3.000	3.000	0.000	1916036101	
1916037101	German Language (1)	3.000	3.000	0.000		in class
1916038101	Chinese Language (1)	3.000	3.000			online learning
1916039101	Polish Language (1)	3.000	3.000	0.000		in class
1714041101	University Life of Student	3.000	3.000			online learning
1714041102	Introduction to Psychcology	3.000	3.000			online learning
1714041104	Family and Child Education	3.000	3.000			online learning
1714041107	Citizenship and Human Rights	3.000	3.000			in class
1714041110	Islam Current Issues	3.000	3.000			in class
1714041111	Islamic Thought	3.000	3.000			online learning
1714041112	Jerusalem : Histroy and Civilization	3.000	3.000			in class
1714041113	Citizenship and Human Rights	3.000	3.000	0.000		online learning
1714041114	Histroy and Civilization of Jordan	3.000	3.000			online learning
1714041115	Sociology	3.000	3.000			in class
1714041116	Archaeology and Tourism	3.000	3.000			online learning
1714041120	Economic and Management Science	3.000	3.000			

University Requirements Credit Hours : 27
Requirement type : Elective Credit Hours :9

Course Number	Course Name	Credit Hours	Theoretical	Practical	Pre - Requisite	Cours e Type
1714041121	Law and Ordering of Our Life	3.000	3.000			online learning
1714041122	Principles of Sign Language	3.000	3.000			in class
1714041126	Humanistic Moral and Values Education	3.000	3.000			online learning
1714041127	Conflict Resolution and Accept Others	3.000	3.000			online learning
1714041128	Culutural Heritage in Jordan	3.000	3.000			
1914041130	Integrity Transperancy and anti - Corruption	3.000	3.000	0.000		online learning
1714041193	Palestinian Cause	3.000	3.000			in class
1714041194	Arabic Language and Current Issues	3.000	3.000			online learning
1814041195	Disability and Healthy Community	3.000	3.000			online learning
1814041197	Selected Topics in National Trends	3.000	3.000			
1814041198	Education for Sustainable Development	3.000	3.000			online learning
1814041199	Adjustment and Mental Health	3.000	3.000			online learning
1814041200	Introduction to Education	3.000	3.000			online learning
1914042111	Media Education	3.000	3.000	0.000		online learning
2101081139	Physical Culture	3.000	3.000	0.000		online learning
2201081140	Development and Environment	3.000	3.000	0.000		online learning
0110108104	Energy and its Sources	3.000	3.000	0.000		online learning
0110108113	Biotechnology and Society	3.000	3.000	0.000		online learning
0110108114	Automobile Essentials	3.000	3.000	0.000		
0110108115	Computer Ethics	3.000	3.000	0.000		blended learning
0110108130	Health and Nutrients	3.000	3.000	0.000		online learning
0110108131	Health Education and First Aid	3.000	3.000	0.000		online learning
0110108132	Sport and Health	3.000	3.000	0.000		online learning

University Requirements Credit Hours : 27
Requirement type : Elective Credit Hours :9

Course Number	Course Name	Credit Hours	Theoretical	Practical	Pre - Requisite	Cours e Type
0140108134	Ethics in Natural Science	3.000	3.000	0.000		online learning
0170108135	Reproductive Health	3.000	3.000	0.000		online learning
0140108166	Pharmaceutical Edification	3.000	3.000	0.000		
0121601105	Applied Arabic Language	3.000	3.000			in class
0121602102	Applied English Language	3.000	3.000	0.000		blended learning
0121602103	Technical Translation	3.000	3.000	0.000		blended learning
0141603101	Italian Language	3.000	3.000			in class
0151603102	Japanese Language (Level 1)	3.000	3.000	0.000		in class
0121603201	Spanish Language (1)	3.000	3.000			blended learning

Faculty Requirements Credit Hours : 22
Requirement type : Compulsory Credit Hours :22

Course Number	Course Name	Credit Hours	Theoretical	Practical	Pre - Requisite	Cours e Type
0151003260	Fundamentals of Software Engineering	3.000	3.000	0.000	151001110	
1910011100	Introduction to Programming	3.000	3.000	0.000		in class
1910011101	Introduction to Programming Lab	1.000	0.000	2.000	1910011100 synchronous	in class
1910011123	Digital Logic Design	3.000	3.000	0.000	110101152	blended learning
1910011250	Data Structures	3.000	3.000	0.000	1910011111	blended learning
0110101152	Discrete Mathematics	3.000	3.000	0.000		in class
0110108101	Calculus (1)	3.000	3.000	0.000		online learning
0110108103	Principles of Statistics	3.000	3.000	0.000		in class

Specialization Requirments Credit Hours : 83
Requirement type : Compulsory Credit Hours :71

Course Number	Course Name	Credit Hours	Theoretical	Practical	Pre - Requisite	Cours e Type
0151002240	Introduction to Database Systems	3.000	3.000	0.000	151001250	blended learning
0151002241	Introduction to Database Systems Lab	1.000	0.000	2.000	151002240 synchronous	in class
0151002310	Programming of Internet Applications	3.000	3.000	0.000	151001110 OR 151001212	in class
0151002470	System Analysis & Design	3.000	3.000	0.000	151002240	blended learning
0151002471	Information Systems Security	3.000	3.000	0.000	151002240	blended learning
1910011110	Object Oriented (1)	3.000	3.000	0.000	1910011101	blended learning
1910011111	Object Oriented Lab (1)	1.000	0.000	3.000	1910011110 synchronous	blended learning
1910011212	Object Oriented (2)	3.000	3.000	0.000	1910011110	blended learning
1910011213	Object Oriented Lab (2)□	1.000	0.000	3.000	1910011212 synchronous	blended learning
1910011214	Visual Programming	3.000	3.000	0.000	1910011110	in class
1910011215	Visual Programming Lab□	1.000	0.000	2.000	1910011214 synchronous	in class
1910011240	Theory of Computation□	3.000	3.000	0.000	110101152	in class
1910011320	Computer Networks	3.000	3.000	0.000	1910011123	blended learning
1910011351	Algorithms□	3.000	3.000	0.000	1910011250	in class
1910011423	Parallel and Distributed Computing	3.000	3.000	0.000	1910011320	blended learning
1910011431	Operating Systems□	3.000	3.000	0.000	1910011123	blended learning
1910011460	Artificial Intelligence	3.000	3.000	0.000	1910011250	in class
1910011480	Practical Training	3.000	0.000	0.000		in class
1910011490	Applied Project (1)□	1.000	1.000	0.000		in class
1910011491	Applied Project (2)	2.000	0.000	4.000	1910011490	in class
1701081136	General Physics (1)	3.000	3.000	0.000		in class
0110101102	Calculus (2)	3.000	3.000	0.000	110108101	blended learning
0110101241	Linear Algebra (1)	3.000	3.000	0.000		blended learning

Specialization Requirments Credit Hours : 83
Requirement type : Compulsory Credit Hours :71

Course Number	Course Name	Credit Hours	Theoretical	Practical	Pre - Requisite	Cours e Type
0110101408	Numerical Methods	3.000	3.000	0.000	111001110 AND 110101241	in class
0110102102	General Physics (2)	3.000	3.000	0.000	1701081136	in class
0110102103	General Physics Laboratory (1)	1.000	0.000	3.000	1701081136 synchronous	in class
0110408240	Computer Design and Organization	3.000	3.000	0.000	110408220 OR 111001123	in class
0110408343	Fundamentals of Computer Architecture	3.000	3.000	0.000	110408240	in class

Specialization Requirments Credit Hours : 83
Requirement type : Elective Credit Hours :12

Course Number	Course Name	Credit Hours	Theoretical	Practical	Pre - Requisite	Cours e Type
0151002351	Data Mining	3.000	3.000	0.000	151001351	blended learning
0151003437	User Interface Design & Implementation	3.000	3.000	0.000	151001212	
1910011321	Internet Protocols	3.000	3.000	0.000	1910011320	online learning
1910011322	Mobile Application Development	3.000	3.000	0.000	1910011212	
1910011330	Multimedia Programming	3.000	3.000	0.000	1910011250	online learning
1910011341	Operation Research	3.000	3.000	0.000	110101408	
1910011373	Simulation	3.000	3.000	0.000	1910011250	blended learning
1910011416	Programming Languages Design	3.000	3.000	0.000	151002310	
1910011421	Wireless Networking	3.000	3.000	0.000	1910011320	blended learning
1910011422	Network Security	3.000	3.000	0.000	1910011320	blended learning
1910011474	Computer Graphics□	3.000	3.000	0.000	1910011250	
1910011492	Special Topics In Computer Science	3.000	3.000	0.000		

Pre-Requist Courses Credit Hours : 0
Requirement type : Credit Hours :0

Course Number	Course Name	Credit Hours	Theoretical	Practical	Pre - Requisite	Cours e Type
0001001096	Computer Skills Test	0.000	0.000	0.000		in class
0110108099	Computer Skills/ Prerequisite	3.000	3.000	0.000	1001096	online learning
0002110096	Arabic Placement Test	0.000	0.000	0.000		in class
0002120096	English Placement Test	0.000	0.000	0.000		in class
0111405098	Arabic Language / Pre-requisite	3.000	3.000	0.000	2110096	
0111405099	English Language/ pre-requisite	3.000	3.000	0.000	2120096	

free study materials are (3) credit hours, The student chooses it from any of the courses offered by the university departments.