

Study Plans - English

Major	: Computer Science / Bachelor	Plan Semester	: 20191
Faculty	: Information Technology	Section	: Computer Science
Plan Hrs	: 132	Plan Type	: Major
Min Semester	: 5 Semester / Semesters	Edition	: 4 Study Type: Regular Stud
Max Semester	: 16 Semester / Semesters	Thesis Type	: Nothing

Category : University Requirement Hrs : (27) Hrs

Group : Compulsory Hrs : (18) Hrs

course	Course Name	Hrs	Prerequisite Courses	Prerequisit Hrs
0106117	Community Responsibility	3		
0106118	Arabic Communication Skills	3	(0106060)	
0106119	English Communication Skills	3	(0106070)	
0106129	Military Sciences	3		
0106130	Life Skills	3		
0106134	Scientific Thinking Skills	3		

Group : Elective Hrs : (9) Hrs

course	Course Name	Hrs	Prerequisite Courses	Prerequisit Hrs
0106107	Contemporary Issues	3		
0106108	Safety and Security	3		
0106109	Introduction to Leadership	3		
0106115	Renewable Energy in Our Lives	3		
0106116	Computer Skills	3	(س)0106099	
0106122	Human Rights	3		
0106123	(Jerusalem (Palestinian Cause	3		
0106180	Islamic Culture	3		

Category : Faculty Requirement Hrs : (21) Hrs

Group : Compulsory Hrs : (21) Hrs

course	Course Name	Hrs	Prerequisite Courses	Prerequisit Hrs
0401113	Discrete Mathematics	3		
0401120	Computer Programming Fundamentals	3		
0401121	(Object-oriented Programming (1	3	(0401120)	
0401122	Object-oriented Programming (1) Lab	1	(Or (0401121 (0401120)	
0401123	.Computer Programming Fundamentals Lab	1	(0401120)	
0401131	Digital Logic Design	3	(0401113)	
0401211	Data Structures & Algorithms Lab	1	(Or (0401122) Or (0401214 (0401121)	

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Category Faculty Requirement

Hrs : (21) Hrs

Group Compulsory

Hrs : (21) Hrs

course	Course Name	Hrs	Prerequisite Courses	Prerequisite Hrs
0401214	Data Structures and Algorithms	3	(Or (0401122 (0401121)	
0401316	Design and Analysis of Algorithms	3	(Or (0401214 (0401211)	

Category : Major Requirement

Hrs : (72) Hrs

Group : Compulsory

Hrs : (57) Hrs

course	Course Name	Hrs	Prerequisite Courses	Prerequisite Hrs
0401231	Computer Architecture	3	(0401131)	
0401232	Computer Design and Organization	3	(0401131)	
0401233	Operating Systems	3	(0401131)	
0401324	Visual Programming	3	0401122 - 0401121	
0401342	Computer and network security	3	0401241 - 0401240	
0401390	Practical Training	1		90
0401443	Wireless Networks	3	0401241 - 0401240	
0401447	Internet of Things	3	0401241 - 0401240	
0401453	Digital Image processing	3	(0401352)	
0401491	(Graduation Project (1	1		90
0401492	(Graduation Project (2	2	(0401491)	
0402251	System Analysis and Software Design	3	0401122 - 0401121	
0402352	Fundamentals of Software Engineering	3	(0402251)	
0402353	Fundamentals of Software Engineering Lab	1	(Or (0402352 (0402251)	
0402361	(Database Systems Lab(1	1	(Or (0401214) Or (0402362 (0401211)	
0402362	(Database Systems (1	3	(0401214)	

Group : Elective

Hrs : (15) Hrs

course	Course Name	Hrs	Prerequisite Courses	Prerequisite Hrs
0401352	Computer Graphics	3	(0401316)	
0401353	Multimedia Systems	3	(0401352)	
0401427	Smartphone Programming	3	(0401233)	
0401445	Distributed Systems	3	(0401233)	
0401493	Special Topics in Computer Science	3		90

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Category : Supportive Requirement

Hrs : (12) Hrs

Group : Compulsory

Hrs : (12) Hrs

course	Course Name	Hrs	Prerequisite Courses	Prerequisite Hrs
0106101	(Mathematics (1	3		
0106103	(Physics (1	3	(0106101)	
0106201	Probability and Statistics	3	(0106101)	
0106305	Linear Algebra	3	(0106101)	
0902301	Numerical Techniques	3	(0106305)	

Category : Orientation Requirement

Hrs : (9) Hrs

Group : Compulsory

Hrs : (9) Hrs

course	Course Name	Hrs	Prerequisite Courses	Prerequisite Hrs
0106060	Remedial Arabic	3		
0106070	Remedial English	3		
0106099	Remedial Computer Skills	3		