



Computer Science/Computer Science

علم الحاسوب/علم الحاسوب

First Year (30 CH)										المجموع التراكمي
First Semester					Second Semester					
Course	Course Title	Prerequisite	L	CH	Course	Course Title	Prerequisite	L	CH	
103101	Calculus (1)			3	103250	Discrete Mathematics(1)	103101		3	
601104	Information Technology Fundamentals		*+	3	104106	General Physics Lab	co+104107	*	1	
9400100	National Education			3	104107	General Physics for IT			3	
9600102	Computer Skills (Compulsory for IT Majors)	P.T / 9601099	*+	3	601111	Programming Language(1)	601104	*+	3	
9400108	Life Skills			2	605161	Introduction to Data Communication & Networking	9600102+601104		3	
					9400123	Communication Skills in English (1)	P.T / 9402099		3	
Total				14	Total				16	30
Second Year (35 CH)										المجموع التراكمي
First Semester					Second Semester					
Course	Course Title	Prerequisite	L	CH	Course	Course Title	Prerequisite	L	CH	
103231	Principles of Statistics	103101		3	601213	Visual Programming	601212	+	3	
103241	Linear Algebra (1)	103101		3	601221	Data Structure	601212+103250	*	3	
402201	Communication Skills for IT	9400123		3	601242	Computer Organization	601241	+	3	
601212	Programming Language(2)	601111	*+	3	601281	Database (1)	601212	*	3	
601241	Computer Logic Design	103250+ 601104	*	3	605264	Information & Network Security	605161	+	3	
9300105	Enterpreuneship and Innovation			2	9400113	Communication Skills in Arabic (1)	P.T / 9401099		3	
Total				17	Total				18	65
Third Year (35 CH)										المجموع التراكمي
First Semester					Second Semester					
Course	Course Title	Prerequisite	L	CH	Course	Course Title	Prerequisite	L	CH	
103373	Numerical Analysis (1)	103241		3	601316	Modern Programming Language	601221+103231	+	3	
601315	Internet Programming	601213+9600102	*+	3	601341	Computer Architecture	601242		3	
601322	Computation Theory	601221		3	603392	Software Engineering	603391+601315		3	
601325	Algorithms Design & Analysis	601221		3	606360	Artificial Intelligence	601325		3	
603391	System Analysis & Design	601281+601221		3	6xxxxx	Department Elective(1)			3	
9400107	Leadership and social responsibility			2	9xxxxxx	General Elective(1)			3	
Total				17	Total				18	100
Fourth Year (34 CH)										المجموع التراكمي
First Semester					Second Semester					
Course	Course Title	Prerequisite	L	CH	Course	Course Title	Prerequisite	L	CH	
601400	Field Training	Dept. Approval+ 603392		3	601460	Professional Ethics for Information Technology	603391		1	
601432	Operating Systems	601325+601341		3	601485	Graduation Project (2)	601480	+	3	
601480	Graduation Project (1)	603392+402201		3	606435	Distributed Systems and Cloud Computing	601432		3	
605477	Secured Wireless Application Programming	605264+601221	+	3	9400109	Military Sciences			3	
606361	Machine learning	606360	+	3	6xxxxxx	Department Elective (3)			3	
6xxxxxx	Department Elective(2)			3		Free Requirement			3	
9605000	Community Service			0						
Total				18	Total				16	134
Total Credit Hours: 134										