

Advisory Plan for Computer Science Department (6)

2012-2013

The Number of hours is 132

First Year

First Semester			
No	Course Name	CH	Prerequisite
0203108	Civil Education	3	--
0301101	Calculus 1	3	--
0306110	Computer Programming (1)	3	--
0306132	Computer Applications and Internet	3	--
--	Ellective University Requirement	3	--
--	Level Exam (Arabic, English, Computer)	0	--
Sum		15	

Second Semester			
No	Course Name	CH	Prerequisite
0201100	Arabic Language(1)	3	0201099
0202100	English Language(1)	3	0202099
0301102	Calculus 2	3	0301101
0306211	Computer Programming (2)	3	0306110
0308110	Web Programming (1)	3	0306132
--	Ellective University Requirement	3	--
Sum		18	

Second Year

First Semester			
No	Course Name	CH	Prerequisite
0302101	General Physics 1	3	--
0306250	Data Structures	3	0306211
0306202	Discrete Mathematics	3	0306110
0305203	Introduction to Software Engineering	3	0306211
--	Ellective University Requirement	3	--
Sum		15	

Second Semester			
No	Course Name	CH	Prerequisite
0302102	General Physics 2	3	0302101
0306352	Design and Analysis of Algorithms	3	0306250 & 0306202
0301241	Linear Algebra 1	3	--
0306217	Advanced Programming	3	0306211
0306201	Digital Logic Design	3	--
--	Ellective University Requirement	3	--
Sum		18	

Third Year

First Semester			
No	Course Name	CH	Prerequisite
0309331	Database Systems	3	0306250
0301131	Introduction to Statistics	3	--
0306221	Computer Organization and Architecture	3	0306201
0306380	Artificial Intelligence	3	0306250
--	Ellective University Requirement	3	--
Sum		15	

Second Semester			
No	Course Name	CH	Prerequisite
0309353	Systems Analysis	3	0309331
0306314	Programming languages	3	0306250
0309401	Computer Ethics	3	0309331
0306324	Networks and its Management	3	0306250
0306351	Theory of Computation	3	0306250
--	Ellective Department Requirement	3	--
Sum		18	

Fourth Year

First Semester			
No	Course Name	CH	Prerequisite
0306422	Wireless Networks	3	0306324 0308323
0309481	Network and Information Security	3	0309331
0306455	Compilers Construction	3	0306351
0306391	Internship for CS	0	موافقة القسم
--	Ellective Department Requirement	3	--
--	Ellective Department Requirement	3	--
Sum		15	

Second Semester			
No	Course Name	CH	Prerequisite
0200100	Military Sciences	3	--
0306432	Operating Systems	3	0306250
0306490	Graduation Project for CS	3	0306391 0306390
--	Free elective	3	--
--	Ellective Department Requirement	3	--
--	Ellective Department Requirement	3	--
Sum		18	