

Advisory Study Plan for the Academic Year 2017/2016

Faculty of Information Technology

Department of Computer Science

Program (Specialty) B.S.C

First Year

First Semester			
Course No.	Course Title	Credit Hours	Prerequisite
٠١٠٦١٧ ١	English Language (I)	3	٠١٠٦٠٧ ٠
٠١٠٦٠١ ١٠٧	Calculus	3	-
٠٤٠١١١ ٠	Computer Programming (I)	3	-
٠١٠٦١١ ٠	Computer Skills (I)	3	٠١٠٦٠٩ ٩
٠١٠٦١٦ ١	Arabic Language (I)	3	-
Total		15	

Second Semester			
Course No.	Course Title	Credit Hours	Prerequisite
٠١٠٦١ ٧٢	English Language (2)	3	٠١٠٦١٧ ١
٠١٠٦١ ٦٢	Arabic Language (2)	3	٠١٠٦١٦ ١
٠١٠٦٢ ٠١	Probability & Statistic	3	٠١٠٦٠١ ١٠٧
٠٤٠١١ ١١	Computer Programming (2)	3	٠٤٠١١١ ٠
٠٤٠١١ ١٢	Programming Language -Lab	1	٠٤٠١١١ *١
0106232	Scientific Research Methodologies	3	٠١٠٦١٧ ١
Total		16	

Second Year

First Semester			
Course No.	Course Title	Credit Hours	Prerequisite
٠٤٠١١ ٠٠	Discrete Structures	3	-
٠٤٠١٢ ١٣	Visual Programming	3	٠٤٠١١١ ١
٠١٠٦٣ ٠٥	Linear Algebra	3	٠١٠٦٠١ ١٠٧
-	University Compulsory Course	3	-
-	University Elective Course*	3	-
Total		15	

Second Semester			
Course No.	Course Title	Credit Hours	Prerequisite
٠٤٠١٢ ٣٠	Logic Design & Computer Organization	3	٠٤٠١١٠ ٠
٠٤٠١٢ ٢٠	Computational Theory	3	٠٤٠١١٠ ٠
٠٤٠١٢ ١٢	Object Oriented Programming	3	٠٤٠١١١ ١
٠٤٠١٢ ١٠	Data Structures & Algorithms	3	٠٤٠١١١ ١
٠٤٠١٢ ١١	Data Structures & Algorithms - Lab	1	0401210
-	University Elective Course*	3	-
Total		16	

Third Year

First Semester			
Course No.	Course Title	Credit Hours	Prerequisite
٠٤٠١٣٢ ٠	Design & Analysis of Algorithms	3	0401210
٠٤٠١٣٤ ٠	Fundamentals Computer Networks	3	0401210
٠٤٠١٣٤ ١	Fundamentals Computer Networks Lab	1	0401340*
٠٤٠١٣٣ ٠	Computer Architecture	3	0401230
٠٤٠٢٣٩	Ethical & Professional Issues in	1	Advanced

Second Semester			
Course No.	Course Title	Credit Hours	Prerequisite
٠٤٠١٣٣ ٥	Operating Systems	3	0401230
٠٤٠١٣٣ ٦	Operating Systems - Lab	1	0401335*
٠٤٠١٣١ ٥	Programming Languages Concepts	3	٠٤٠١٢١٠ ٠
٠٤٠٢٢٤ ٥	Building Web Applications	3	0401111
٠٤٠٢٢٤	Building Web Applications -	1	0402245*

•	Computing		
•٤٠٢٢٨	Software Engineering Basics	3	0401111
•٤٠٢٢٨ ١	Software Engineering Basics Lab	1	0402280*
•٤٠١٤٥	Computer Graphics	3	0401320
Total		18	

٦	Lab		
•٤٠١٣٦	Artificial Intelligence	3	0401210
-	Department Elective Course #	3	-
Total		17	

Summer Semester			
Course No.	Course Title	Credit Hours	Prerequisite
0401399	Practical Training	1	Passing 90 Credit Hours

Fourth Year

First Semester			
Course No.	Course Title	Credit Hours	Prerequisite
•٤٠٢٣٧	Database Systems	3	0401210
•٤٠٢٣٧ ١	Database Systems - Labs	1	0402370
-	Department Elective Course #	3	-
•٤٠١٤٢ ٥	Computers and Network Security	3	0401340
•٤٠١٤٩ ٨	Graduation Project (I)	1	Passing 90 Credit Hours
•٤٠٢٣٨	Software Design	3	0402280
-	Department Elective Course #	3	-
Total		17	

Second Semester			
Course No.	Course Title	Credit Hours	Prerequisite
•٤٠١٤٩٩	Graduation Project (2)	2	0401498
-	Department Elective Course#	3	-
•٤٠١٤١٥	Compilers Construction	3	0401315
-	Department Elective Course#	3	-
-	University Compulsory Course **	3	-
-	Elective Course ***	3	-
Total		17	