

Advisory Study Plan for the Academic Year 2017/2016

Faculty of Information Technology.

Department Computer Information Systems

Program (Specialty) B.S.C

First Year

First Semester			
Course No.	Course Title	Credit Hours	Prerequisite
٠١٠٦١٧١	English Language (1)	3	٠١٠٦٠٧٠
٠١٠٦١٠١107	Calculus (1)	3	-
٠٤٠١١١٠	Programming Language (1)	3	-
٠١٠٦١١٠	Computer Skills (1)	3	٠١٠٦٠٩٩
٠١٠٦١٦١	Arabic Language (1)	3	٠١٠٦٠٦٠
Total		15	

Second Semester			
Course No.	Course Title	Credit Hours	Prerequisite
٠١٠٦١٧٢	English Language (2)	3	٠١٠٦١٧١
٠١٠٦١٦٢	Arabic Language (2)	3	٠١٠٦١٦١
٠١٠٦٢٠١	Probability & Statistic	3	٠١٠٦١٠١
٠٤٠١١١١	Programming Language (2)	3	٠٤٠١١١٠
٠٤٠١١١٢	Programming Language Labs (2)	1	*٠٤٠١١١١
0106232	Scientific Research Methodologies	3	٠١٠٦١٧١
Total		16	

Second Year

First Semester			
Course No.	Course Title	Credit Hours	Prerequisite
٠٤٠١١١٠	Discrete Structures	3	-
٠٢٠٢١٠١	Principles of Management	٣	-
٠٤٠٢٢٤٥	Building Web Applications	3	0401111
٠٤٠٢٢٤٦	Building Web Applications - Lab	1	0402245*
٠٤٠٢٢٧٠	Basics of Information Systems	3	-
٠٤٠١٢١٢	Object Oriented Programming	3	0401111
Total		16	

Second Semester			
Course No.	Course Title	Credit Hours	Prerequisite
٠٤٠١٢٣٠	Logic Design & Computer Organization	3	٠٤٠١١٠٠
٠٤٠١٢١٣	Visual Programming	3	٠٤٠١١١١
٠٤٠٢٢٤٥	E-Business	3	0402245
٠٤٠١٢١٠	Data Structures & Algorithms	3	0401100, 0401111
٠٤٠١٢١١	Data Structures & Algorithms - Lab	1	0401210
-	University Elective Course*	3	-
Total		16	

Third Year

First Semester			
Course No.	Course Title	Credit Hours	Prerequisite
٠٤٠١٣٢٠	Design & Analysis of Algorithms	3	0401210
٠٤٠٢٣٧٠	Database Systems	3	0401210
٠٤٠٢٣٧١	Database Systems – Lab	1	0402370*
٠٤٠٢٣٩٠	Professional & Ethical Issues in Computing	1	Advanced Level
٠٤٠٢٣٦٠	Decision Support Systems	3	0402270
٠٤٠١٣٤٠	Fundamentals of Computer Networks	3	0401210
٠٤٠١٣٤١	Fundamentals of Computer Networks - Lab	1	0401340
٠٤٠٢٣٨٥	System Design & Analysis	3	0401210
Total		18	

Second Semester			
Course No.	Course Title	Credit Hours	Prerequisite
٠٤٠١٣٣٥	Operating Systems	3	0401230
٠٤٠١٣٣٦	Operating Systems - Lab	1	0401335*
٠٤٠٢٢٨٠	Basics of Software Engineering	3	0401111
٠٤٠٢٢٨١	Basics of Software Engineering - Lab	1	0402280*
٠٤٠٢٤٦٠	Knowledge-based Systems	3	0401210
٠٤٠٢٤٨٥	Object-oriented Analysis & Development	3	0402385
0402495	Department Elective Course #	3	-
Total		17	

Summer Semester			
Course No.	Course Title	Credit Hours	Prerequisite
0402399	Practical Training	1	Passing 90 Credit Hours
Total			

Fourth Year

First Semester			
Course No.	Course Title	Credit Hours	Prerequisite
٠٤٠٢٤٨٦	Project Management	3	0402385
٠٤٠٢٤٢٥	Information Security	3	0402370
-	University Elective Course*	3	-
٠٤٠٢٤٩٨	Project (1)	1	Passing 90 Credits Hours
-	Department Elective Course#	3	-
-	Department Elective Course#	3	-
Total		16	

Second Semester			
Course No.	Course Title	Credit Hours	Prerequisite
٠٤٠٢٤٩٩	Project (2)	2	040٢498
-	University Mandatory Course **	3	-
-	University Elective Course*	3	-
-	University Mandatory Course **	3	-
-	Department Elective Course#	3	-
-	Elective Course ***	3	-
Total		17	