



Study Plan: Computer Sciences Department

1st Year (Preparatory Year) (Total Credits 30)

First Level					
No.	Course Title	Prerequisite	credits	lecture	lab
4800170-6	English Language	----	6	6	0
4800150-2	Computer Skills I	----	2	1	3
4800140-4	Introduction to Math I	----	4	4	0
4800130-4	General Physics I	----	4	3	3
Total			16	14	6

Second Level					
No.	Course Title	Prerequisite	credits	lecture	Lab
4800171-4	Technical English Language	4800170-6	4	4	0
4800153-3	Computer Programming Skills	4800150-2	3	2	3
4800141-4	Introduction to Math II	4800140-4	4	4	0
4800104-3	Learning Skills	----	3	3	0
Total			14	13	3

2nd Year: (Total Credits 32)

Third Level					
No.	Course Title	Prerequisite	credits	lecture	lab
6001103-3	Computer Programming	4800153-3	3	2	3
6001213-3	Analysis and logical design	4800153-3	3	3	0
2804251-4	Introduction to Set Theory		4	4	0
6001102-3	Introduction to Information Systems		3	3	0
2804131-3	Principles of Statistics and Probability	2800141-4	3	3	0
Total			16	15	3

Fourth Level					
No.	Course Title	Prerequisite	credits	lecture	Lab
6001104-3	Structured Programming	6001103-3	3	2	3
6001210-3	Discrete Structures	2804251-4	3	3	0
6001211-3	Programming on the Web website	6001103-3	3	3	0
6001214-3	Computer Organization assembly language	6001213-3	3	3	0
2801101-2	Holly Quran I	----	2	2	0
2807101-2	Islamic culture I	----	2	2	0
Total			16	15	3

3rd Year: (Total Credits 32)

Fifth Level					
No.	Course Title	Prerequisite	credits	lecture	lab
6001215-3	Computer Architecture	6001214-3	3	3	0
6001105-3	Advanced programming	6001104-3	3	2	3
6001217-3	Logical Programmable	6001210-3	3	3	0
6001431-3	Computers & Society	----	3	3	0
2807201-2	Islamic culture II	2807101-2	2	2	0
2801201-2	Holly Quran II	2801101-2	2	2	0
Total			16	15	3

Sixth Level					
No.	Course Title	Prerequisite	credits	lecture	Lab
6001330-3	Computer graphics	6001105-3	3	2	3
6001311-3	Operating systems	6001215-3	3	3	0
6001231-3	Programming Language	6001105-3 6001217-3	3	3	0
6001218-4	Data structures and algorithms	6001105-3	4	3	3
2807301-3	Islamic culture III	2801201-2	3	3	0
Total			16	14	6

4th Year: (Total Credits 30)

Seventh Level					
No.	Course Title	Prerequisite	credits	lecture	lab
6001310-3	Compiler Construction	6001231-3	3	3	0
6001222-3	Systems Analysis and Design	6001102-3	3	3	0
6001417-3	Systems, computer networks	6001311-3	3	3	0
6001227-3	Organization and process files	6001218-4	3	3	0
2801301-2	Quran III	2801201-2	2	2	0
2807102-2	Biography of the Holly Prophet	----	2	2	0
Total			16	16	0

Eighth Level					
No.	Course Title	Prerequisite	credits	lecture	Lab
6001233-3	Development of Internet applications	6001105-3	3	2	3
6001312-3	Basics of databases	6001222-3	3	2	3
6001333-3	Contact the human machine	6001330-3	3	3	0
6001313-3	Software Engineering	6001222-3	3	3	0
2802101-2	Arabic Language	----	2	2	0
Total			14	12	6

5th Year: Senior (Total Credits 32)

Ninth Level					
No.	Course Title	Prerequisite	credits	lecture	lab
6001332-3	Introduction to Artificial Intelligence	6001310-3	3	3	0
6001335-3	Advanced Database	6001312-3	3	2	3
6001419-4	Research Project	6001311-3 6001335-3	4	4	0
2801401-2	Holly Quran IV	2801301-2	2	2	0
2817101-4	General Chemistry 1	----	4	3	3
Total			16	14	6

Tenth Level					
No.	Course Title	Prerequisite	credits	lecture	Lab
6001439-4	Research Project	6001419-4	4	4	0
6001334-3	Distributed computing systems and balanced	6001312-3 6001311-3	3	3	0
6001432-3	Computer Security Systems	6001311-3	3	3	0
2807401-2	Islamic Culture (4)	2807301-3	2	2	0
2804222-4	Numerical Analysis	4800141-4	4	3	3
Total			16	15	3

University Requirements
 College Requirements
 Department Requirements