



Study Plan for Bachelor Degree: Computer Science Department - Females

First Year Credit Hours (32)

First Level					
Course No.	Course Name	Pre Required	Credit Hours	Theoretical	Practical
6001101-3	Introduction to Computer Science	---	3	2	3
2804101-4	Differentiation and integration 1	---	4	4	0
2807101-2	Islamic Culture 1	---	2	2	0
2814101-2	English Language 1	---	2	2	0
2801101-2	Holy Quran 1	---	2	2	0
6001102-3	Introduction to Information System	---	3	3	0
Total			16	15	3

Second Level					
Course No.	Course Name	Pre Required	Credit Hours	Theoretical	Practical
6001103-3	Computer programming	6001101-3	3	2	3
2804102-4	Differentiation and integration 2	2804101-4	4	4	0
2807201-2	Islamic Culture 2	2807101-2	2	2	0
2813101-4	General Physics I	---	4	3	3
2814106-3	English Communication skills 1	2814101-2	3	3	0
Total			16	14	6

Second Year Credit Hours (34)

Third Level					
Course No.	Course Name	Pre Required	Credit Hours	Theoretical	Practical
6001104-3	Structural Programming	6001103-3	3	2	3
2804151-4	Introduction to Set Theory	---	4	4	0
6001213-3	Digital Logic and Design	6001101-3	3	3	0
2807102-2	Prophet's biography	---	2	2	0
2804131-3	Principles of Statistics and Probabilities	2804102-4	3	3	0
2802101-2	Arabic Language	---	2	2	0
Total			17	16	3

Fourth Level					
Course No.	Course Name	Pre Required	Credit Hours	Theoretical	Practical
6001105-3	Advance Programming	6001104-3	3	2	3
6001210-2	Data Structures	2804151-4	3	3	0
6001214-3	Computer Organization and Assembly Programming	6001213-3	3	3	0
6001211-3	Internet Programming	6001103-3	3	2	3
2807301-3	Islamic Culture 3	2807201-2	3	3	0
2801201-2	Holy Quran 2	2801101-2	2	2	0
Total			17	15	6

Third Year Credit Hours (32)

Fifth Level					
Course No.	Course Name	Pre Required	Credit Hours	Theoretical	Practical
6001217-3	Logic Programming	6001210-3	3	3	0
6001218-4	Data Structures and Algorithms	6001105-3	4	3	3
6001215-3	Computer Architecture	6001214-3	3	3	0
6001216-3	Multimedia Systems	6001211-3	3	2	3
2807401-2	Islamic Culture 4	2810303-3	2	2	0
2801301-2	Holy Quran 3	2810201-2	2	2	0
Total			17	15	6

Sixth Level					
Course No.	Course Name	Pre Required	Credit Hours	Theoretical	Practical
6001231-4	Design And Implementation Of Programming Languages	6001105-3 6001217-3	4	4	0
6001227-3	Files Processing and Organization	6001218-4	3	3	0
6001222-3	Systems Analysis and Design	6001102-3	3	3	0
6001233-3	Internet Applications Development	6001216-3	3	2	3
2801401-2	Holy Quran 4	2801301-2	2	2	0
Total			15	14	3

Fourth Year Credit Hours (30)

Seventh Level					
Course No.	Course Name	Pre Required	Credit Hours	Theoretical	Practical
6001310-3	Compiler Construction	6001231-4	3	3	0
6001311-3	Operating Systems	6001215-3	3	3	0
6001312-3	Database Fundamentals	6001227-3 6001222-3	3	2	3
6001313-3	Software Engineering	6001222-3	3	3	0
6001315-3	Theory of Computation	6001227-3 6001231-4	3	3	0
Total			15	14	3

Eighth Level					
Course No.	Course Name	Pre Required	Credit Hours	Theoretical	Practical
6001332-3	Introduction to Artificial Intelligence	6001315-3	3	3	0
6001335-3	Advanced Database	6001312-3	3	2	3
6001333-3	Human-Computer Interaction	6001216-3	3	3	0
6001334-3	Parallel & Distributed Systems	6001312-3 6001311-3	3	3	0
6001330-3	Computer Graphics	6001216-3	3	2	3
Total			15	13	6

Fifth Year Credit Hours (32)

Ninth Level					
Course No.	Course Name	Pre Required	Credit Hours	Theoretical	Practical
6001414-3	Natural Language Processing	6001332-3	3	3	0
6001417-3	Computer Networks	6001311-3	3	3	0
6001419-2	Graduation Project 1	6001311-3 6001335-3	2	2	0
6001413-3	Expert systems	6001332-3	3	3	0
2817101-4	General Chemistry 1	---	4	3	3
Total			15	14	3

Tenth Level					
Course No.	Course Name	Pre Required	Credit Hours	Theoretical	Practical
6001439-4	Graduation Project 2	6001419-2	4	4	0
6001430-3	Arabic Computing	6001414-3	3	3	0
6001432-3	Computer Security	6001311-3	3	3	0
6001431-3	Computer And Society	---	3	3	0
2804222-4	Numerical Analysis	4800141-4	4	3	3
Total			17	16	3