

First Semester

No	Subject	Code	Credit	Credit/Hours			Category	Prerequisite subject
				Lecture	Practical	Total		
1	IT Fundamentals	CS-CS-0101	3	1	4	5	Core	NIL
2	Introduction to Computer Programming	CS-CS-0102	3	1	4	5	Core	NIL
3	Computer Application	CS-CS-0103	3	1	4	5	Core	NIL
4	General Mathematics	CS-CS-0104	3	3	0	3	Core	NIL
5	Functional English-I	CS-CS-0105	3	3	0	3	Core	NIL
6	History	CS-CS-0106	1	1	0	1	Inclusive	NIL
7	Islamic Study-I	CS-CS-0107	1	1	0	1	Inclusive	NIL
Total			17	11	12	23		

Second Semester

No	Subject	Code	Credit	Credit/Hours			Category	Prerequisite subject
				Lecture	Practical	Total		
1	Programming Concepts	CS-CS-0208	3	1	4	5	Professional	CS-CS-0102
2	E-Commerce	CS-CS-0209	3	1	4	5	Core	CS-CS-0101
3	Electronic Physics	CS-CS-0210	2	2	0	2	Core	NIL
4	Web Fundamentals-I	CS-CS-0211	3	1	4	5	Professional	NIL
5	Functional English-II	CS-CS-0205	3	3	0	3	Core	CS-CS-0105
6	Environmental Protection	CS-CS-0212	2	2	0	2	Inclusive	NIL
7	Islamic Study-II	CS-CS-0207	1	1	0	1	Inclusive	CS-CS-0107
Total			17	11	12	23		

Third Semester

No	Subject	Code	Credit	Credit/Hours			Category	Prerequisite subject
				Lecture	Practical	Total		
1	Discrete Mathematics	CS-CS-0313	3	3	0	3	Core	NIL
2	Object Oriented Programming	CS-CS-0314	3	1	4	5	Professional	CS-CS-0208
3	Introduction to Network	CS-CS-0315	3	1	4	5	Core	CS-CS-0101
4	Web Fundamentals-II	CS-CS-0311	3	1	4	5	Professional	CS-CS-0211
5	English Composition	CS-CS-305	2	2	0	2	Core	CS-CS-0205
6	Database Concepts	CS-CS-0316	3	2	2	5	Core	NIL
7	Islamic Studies-III	CS-CS-0307	1	1	0	1	Inclusive	CS-CS-0207
Total			18	11	14	26		

Fourth Semester

No	Subject	Code	Credit	Credit/Hours			Category	Prerequisite subject
				Lecture	Practical	Total		
1	Database Management System	CS-CS-0417	3	1	4	5	Professional	CS-CS-0316
2	Web Engineering	CS-CS-0418	3	1	4	5	Professional	CS-CS-0311
3	System Administration	CS-CS-0419	3	1	4	5	Professional	CS-CS-0315
4	Data Communication	CS-CS-0420	2	2	0	2	Professional	NIL
5	Computer Organization & Architecture	CS-CS-0421	2	2	0	2	Professional	NIL
6	Advanced Programming	CS-CS-0422	4	2	4	6	Professional	CS-CS-0314
7	Islamic Studies-IV	CS-CS-0407	1	1	0	1	Inclusive	CS-CS-0307
Total			18	10	16	26		

Fifth Semester

No	Subject	Code	Credit	Credit/Hours			Category	Prerequisite subject
				Lecture	Practical	Total		
1	Digital Logic & Computer Design	CS-CS-0523	2	2	0	2	Core	NIL
2	Software Engineering-I	CS-CS-0524	3	3	0	3	Professional	NIL
3	Operating System Concepts	CS-CS-0525	3	3	0	3	Professional	NIL
4	Data Structure	CS-CS-0526	3	2	2	5	Core	NIL
5	Advanced Web Engineering	CS-CS-0527	2	1	2	3	Professional	CS-CS-0418
6	Network Engineering	CS-CS-0528	4	1	6	7	Professional	CS-CS-0419
7	Islamic Studies-V	CS-CS-0507	1	1	0	1	Inclusive	CS-CS-0407
Total			18	13	10	24		

Sixth Semester

No	Subject	Code	Credit	Credit/Hours			Category	Prerequisite subject
				Lecture	Practical	Total		
1	Analysis of Algorithm	CS-CS-0629	3	2	2	4	Professional	CS-CS-0526
2	Software-Engineering-II	CS-CS-0624	2	1	2	3	Professional	CS-CS-0524
3	Probability and Statistics	CS-CS-0630	2	2	0	2	Core	CS-CS-0313
4	Visual Programming	CS-CS-0631	4	2	4	6	Professional	NIL
5	Advanced Computer Network	CS-CS-0632	3	1	4	5	Professional	CS-CS-0528
6	Artificial Intelligence	CS-CS-0633	2	1	2	3	Professional	NIL
7	Islamic Studies-VI	CS-CS-0607	1	1	0	1	Inclusive	CS-CS-0507
Total			17	10	14	24		

Seventh Semester

No	Subject	Code	Credit	Credit/Hours			Category	Prerequisite subject
				Lecture	Practical	Total		
1	Elective Subject-I	CS-CS-0734	2	1	2	3	Elective	NIL
2	Mobile Application Development	CS-CS-0735	4	2	4	6	Professional	CS-CS-0422
3	Automata Theory & Compiler Construction	CS-CS-0736	3	3	0	3	Professional	CS-CS-0629
4	Business Communication	CS-CS-0737	2	2	0	2	Core	NIL
5	Academic Report Writing	CS-CS-0738	2	2	0	2	Professional	NIL
6	Software Project Management	CS-CS-0739	3	1	4	5	Professional	CS-CS-0624
7	Islamic Studies-VII	CS-CS-0707	1	1	0	1	Inclusive	CS-CS-0607
Total			17	12	10	22		

Eighth Semester

No	Subject	Code	Credit	Credit/Hours			Category	Prerequisite subject
				Lecture	Practical	Total		
1	Elective Subject-II	CS-CS-0834	3	1	4	5	Elective	NIL
2	Network Security	CS-CS-0840	3	1	4	5	Professional	CS-CS-0632
3	Research Methodology	CS-CS-0841	2	2	0	2	Professional	NIL
4	Human Computer Interaction	CS-CS-0842	2	1	2	3	Professional	NIL
5	Project (Monograph)	CS-CS-0843	6	0	12	12	Project	NIL
6	Distributed Database Concepts	CS-CS-0844	3	1	4	5	Professional	CS-CS-0417
7	Islamic Studies-VIII	CS-CS-0807	1	1	0	1	Inclusive	CS-CS-0707
Total			20	7	26	33		