0212   Master of Computer Science

Shift   :   Morning

Duration   :   2 years, 4 semesters,72 credit hours

Eligibility   :   Bachelor degree or equivalent qualification with at least 45% marks from any HEC recognized University

Course Code	Course Title	Pre-Requisite	Credit Hours		
			Theory	Lab	Total
1st Semester					
CSC-101	Introduction to Computing		3	1	4
CSC-105	Problem Solving Using C++		3	1	4
CSC-201	Digital Logic Design		2	1	3
CSC-317	Data Communication & Computer Networks		2	1	3
CSC-432	Software Development		3	0	3
2nd Semester					
CSC-102	Analysis of Algorithm		3	0	3
CSC-203	Operating Systems Concepts		3	0	3
CSC-216	Data Structures & Algorithms		2	1	3
CSC-301	Computer Architecture		3	0	3
CSC-302	Modern Programming Languages		3	1	4
CSC-403	Software Engineering		3	0	3
3rd Semester					
CSC-202	Database Systems		2	1	3
CSC-209	Visual Programming		3	1	4
CSC-215	Web Engineering-I		2	1	3
CSC-305	Network Management		2	1	3
CSC-307	Theory of Automata & Formal Languages		3	0	3
CSC-599	Master Project		3	0	3
4th Semester					
CSC-214	Computer Graphics		2	1	3
CSC-411	Compiler Construction		3	0	3
CSC-420	Web Engineering-II		2	1	3
CSC-430	Data Warehouse & Data Mining		3	0	3
MTS-410	Differential Equations		3	0	3
CSC-599	Master Project		3	0	3