

Scheme of Study MSC (CS)

First Year 1st Semester		
Course #	Title	Credit Hrs.
MSC511	Introduction to Information and Communication Technologies	3(2+1)
MSC512	Data Communications and Computer Networks	3(2+1)
MSC513	Data Structures & Algorithms	3(2+1)
MSC514	Digital Logic Design	3(2+1)
MSC515	Operating Systems	3(2+1)
MSC516	Programming Fundamentals	3(2+1)
	Total Term Credit Hrs.	18
First Year 2nd Semester		
Course #	Title	Credit Hrs.
MSC521	Communication and Presentation Skills	3(3+0)
MSC324	Discrete Structures	3(3+0)
MSC523	Database Systems	3(2+1)
MSC524	Wireless Networks	3(2+1)
MSC525	Object Oriented Programming	3(2+1)
MSC526	Software Engineering	3(3+0)
	Total Term Credit Hrs	18
Second Year 3rd Semester		
Course #	Title	Credit Hrs.
MSC611	Design and Analysis of Algorithm	3(3+0)
MSC612	Artificial Intelligence	3(2+1)
MSC613	Computer Architecture & Organization	3(2+1)
MSC614	Computer Graphics	3(2+1)
MSC615	Distributed Computing	3(2+1)
MSC616	Theory of Automata	3(3+0)
	Total Term Credit Hrs	18
Second Year 4th Semester		
Course #	Title	Credit Hrs.
MSC621	Compiler Construction	3(2+1)
MSC622	Professional Practices	3(3+0)
MSC623	Web Design & Development	3(3+1)
MSC624	Data and Network Security	3(3+0)
MSC625	Project	3(3+0)
	Total Term Credit Hrs	15