

**Master of Computer Science
Road Map + List of Courses**

No. of Courses = 20x3 = 60 credit hours

Final Project = 06 credit hours

Total Credit hours = 66

Sr. No	Title of the Course	Credit Hours
Semester 1		
XC-350	Introduction to Computer Programming	3
XC-355	Database Systems	3
XC-360	Computer Networks	3
XC-370	Digital Logic Design	3
XC-375	English Comprehension	3
Semester II		
XC-421	Object Oriented Programming	3
XC-365	Software Engineering	3
XC-435	Computer Organization and Architecture	3
XC-380	Algorithm Analysis and Design	3
XC-385	Web Programming	3
Semester III		
XC-475	Advance Web Programming	3
XC-445	Data and File Structure	3
XC-451	Theory of Automata	3
XC-465	Software Project Management	3
XC-430	Operating Systems	3
Semester IV		
XC -450	Distributed Database Systems	3 (Elective)
XC -455	Android Application Development	3 (Elective)
XC -460	Software Quality Assurance	3 (Elective)
XC-470	Data Mining	3 (Elective)
XC-492	Advance Object Oriented Programming	3 (Elective)
XC-490	Advance Software Development Techniques	3 (Elective)
XI-499	Final Project	6