

CURRICULUM OF **COMPUTER SCIENCE**

For

Master in Computer Science (MCS)



**Department of Computer Sciences
ABDUL WALI KHAN UNIVERSITY, MARDAN.**

MCS Semester Wise Courses Break Up

First Year			
Semester	Code	Title	Crd. Hours
1st	CS501	Object Oriented Programming	03
	CS502	Introduction to Information and Communication Technologies	03
	CS503	Digital logic and Design	03
	CS504	Data Communication	03
	CS505	Technical and Business Writing	03
	CS506	Web Fundamentals	03
			Total=18
2nd	CS551	Data Structures	03
	CS552	Computer Networks	03
	CS553	Web Engineering	03
	CS554	Software Engineering-I	03
	CS555	Database –I	03
	CS556	Computer Architecture	03
			Total=18
Second Year			
3rd	CS601	Operating System Concepts	03
	CS602	Analysis of Algorithms	03
	CS603	SW-II	03
	CS604	Theory of Automata and Formal languages	03
	CS605	Artificial Intelligence	03
	CS606	Data Base-II	03
			Total=18
4th	CS651	Visual Programming	03
	CS652	Computer Graphics	03
	CS653	Computer Organization and Assembly Language	03
	CS654	Compiler Construction	03
	CS655	Master Project	06
			Total= 18