

MS - Data Science

Semester – I (9CH)

Code	Course Title	Credit Hours	Labs	Total
COMP-###	Applied Programming	NC		
COMP-###	Tools and Techniques for Data Science	2	1	3
COMP-###	Statistical and Mathematical Methods for Data Analysis	3		3
COMP-###	Elective-1	3		3
	Total Credit Hours			9

Semester – II (10CH)

Code	Course Title	Credit Hours	Labs	Total
COMP-###	Machine Learning for Data Science	3		3
COMP-###	Specialized Core I	3		3
COMP-###	Specialized Core II	3		3
SS-821	Research Methodology	NC		0
	Total Credit Hours	9		9

Semester – III (9CH)

Code	Course Title	Credit Hours	Labs	Total
COMP-899	MS Thesis	6		6
COMP-###	Elective-II	3		3
	Total Credit Hours	9		9

Semester – IV (3CH)

Code	Course Title	Credit Hours	Labs	Total
COMP-###	Elective-III	3		3
	Total Credit Hours	3		3

Grand Total Credit Hours: 30

	Specialized Core Courses:			
COMP-830	Advanced Big Data Analytics			
COMP-828	Deep Learning			
COMP-831	Natural Language Processing			
COMP-832	Distributed Data Processing			