M.Sc Curriculum (Mathematics/ Mathematics and Computing) (2020 onwards)

Sem 1	Code	Credits	Sem 2	Code	Credits
Analysis of Functions of Single Variables	MA4010	3	Ordinary Differential Equations	MA4030	3
Linear Algebra	MA4020	3	Multivariable Calculus	MA4090	3
Probability Theory	MA4040	3	Measure and Integration	MA5030	3
Algebra I - Groups and Rings	MA4070	3	Topology	MA5040	3
Combinatorics and Graph Theory	MA5010	3	Basics of programming	MA4051	3
English communication		1	Elective - Algebra II / Applied Statistics		3
	Total	**16**		**Total**	**18**

Sem 3	Code	Credits	Sem 4	Code	Credits
Complex Analysis	MA4060	3	Departmental Electives		6
Partial Differential Equations	MA4080	3	Project II	MA5415	3
Functional Analysis	MA5020	3	Free Elective	FE****	3
Numerical Analysis	MA5060	3	Dept Elective/Project III	FE****/MA5425	3
Project I	MA5315	3			
Free Elective/ Elective		3		**Total**	**15**
	Total	**18**		**Total credits**	**67**