

M.Sc 2019 Curriculum (Mathematics/ Mathematics and Computing)

Sem 1	Code	Credits	Sem 2	Code	Credits
Analysis of Functions of Single Variables	MA4010	3	Complex Analysis	MA4060	3
Linear Algebra	MA4020	3	Groups and Rings	MA4070	3
Ordinary Differential Equations	MA4030	3	Multivariable Calculus	MA4090	3
Probability Theory	MA4040	3	Measure and Integration	MA5030	3
Basics of programming	MA4051	3	Elective I - Topology / Numerical Analysis	MA5040/MA5060	3
	Total	15		Total	15
Sem 3	Code	Credits	Sem 4	Code	Credits
Partial Differential Equations	MA4080	3	Advanced Course I		3
Combinatorics and Graph Theory	MA5010	3	Advanced Course II		3
Functional Analysis	MA5020	3	Elective III		3
Elective II		3	Elective IV		3
Thesis I	MA5985	6	Thesis II	MA5995	6
	Total	18		Total	18
				Total credits	66