

**M.Sc Mathematics/ Mathematics and Computing 2021**

<b>Semester</b>	<b>Course Code</b>	<b>Course Name</b>	<b>Credits</b>
1	MA4010	Analysis of Functions of Single Variables	3
1	MA4020	Linear Algebra	3
1	MA4040	Probability Theory	3
1	MA4070	Algebra I - Groups and Rings	3
1	MA5010	Combinatorics and Graph Theory	3
1	LA5180	English Communication Skills: Advanced	1
2	MA4030	Ordinary Differential Equations	3
2	MA4080	Measure and Integration	3
2	MA4090	Multivariable Calculus	3
2	MA5040	Topology	3
2	MA4051	Basics of programming	3
2	MA5070/MA4240	Elective - Algebra II / Applied Statistics	3
3	MA4060	Complex Analysis	3
3	MA5020	Functional Analysis	3
3	MA5030	Partial Differential Equations	3
3	MA5060	Numerical Analysis	3
3	MA5315	Project I	3
3	MA****	Dept. Elective / Free Elective	3
4	MA****	Dept. Elective	6
4	MA5415	Project II	3
4	XX****	Free Elective / Dept. Elective	3
4	MA****/MA5425	Dept. Elective / Project III	3