

M. Sc. Mathematics

1st Semester:

S. No.	Course Code	Course Description	Type	L	T	P	Credits
1	MTH6011	Analysis – I	PC	3	1	0	4
2	MTH6041	Linear Algebra	PC	3	1	0	4
3	CSE104	Computer Programming	PC	3	0	0	3
4	CSE104(L)	Computer Programming Lab	PC	0	0	3	2
5	MTH6021	Optimization	PC	3	1	0	4
6	MTH6012	Algebra	PC	3	1	0	4
Total Credits = 21							

2nd Semester:

Sr. No.	Course Code	Course Description	Type	L	T	P	Credits
1	MTH6031	Probability & Statistics	PC	3	1	0	4
2	MTH6022	Analysis-II	PC	3	1	0	4
3	MTH6032	Complex Analysis	PC	3	1	0	4
4	MTH6052	Numerical Analysis	PC	3	1	0	4
5	MTH4042	Ordinary Differential Equations	PC	3	1	0	4
Total Credits = 20							

3rd Semester:

Sr. No.	Course Code	Course Description	Type	L	T	P	Credits
1	MTH7011	Topology	PC	3	1	0	4
2	MTH7021	Functional Analysis	PC	3	1	0	4
3	MTH7031	Partial Differential Equations	PC	3	1	0	4
4		Other Elective-I	OE	3	1	0	4
5		Other Elective-II	OE	3	1	0	4
6		Project	PC				4
Total Credits = 24							

4th Semester:

Sr. No.	Course Code	Course Description	Type	L	T	P	Credits
1	MTH7041	Mathematical Methods	PC	3	1	0	4
2		Other Elective-III	OE	3	1	0	4
3		Other Elective-IV	OE	3	1	0	4
4		Other Elective-V	OE	3	1	0	4
5		Project	PC				4
Total Credits = 20							