

Semester-Wise Programme structure for M.Sc. Mathematics [2 year]				
Sr. No.	Year 1		Year 2	
	Semester 1	Semester 2	Semester 3	Semester 4
1	Real Analysis [CU:4,L-4] {CC}	Abstract Algebra [CU:4,L-4] {CC}	Functional Analysis [CU:4,L-4] {CC}	Non-linear Dynamics [CU:4,L-4] {CC}
2	Linear Algebra [CU:4,L-4] {CC}	Probability and Statistics [CU:4,L-4] {CC}	Complex Analysis [CU:4,L-4] {CC}	Measure Theory [CU:4,L-4] {AC}
3	Ordinary Differential Equations [CU:4,L-4] {CC}	Numerical Methods [CU:4,L-3,P-2] {CC}	Field Theory [CU:4,L-4] {CC}	AC [CU:4, L-4] {AC}
4	Topology [CU:4,L-4] {CC}	*SE3- [CU:4 ,L-4] {SE}	Calculus of Variations and Integral Equations [CU:4,L-4] {CC}	*SE5- [CU:4 ,L-4] {SE}
5	*SE1- [CU:4 ,L-4] {SE}	*SE4- [CU:4 ,L-4] {SE}	Seminar [CU:2,P-4] {NTCC}	Seminar [CU:2,P-4] {NTCC}
6	*SE2- [CU:4 ,L-4] {SE}	*SE5- [CU:4 ,L-4] {SE}	Dissertation Work [CU:6,P-12] {NTCC}	Dissertation Work [CU:6,P-12] {NTCC}
7	Self-Development and Interpersonal Skills(Behavioral Sciences) [CU:1,L-1] {VAC}	CONFLICT RESOLUTION & MANAGEMENT(Behavioral Sciences) [CU:1,L-1] {VAC}	Professional Ethics -I [CU:1, L-1] {VAC}	Professional Ethics -II [CU:1, L-1] {VAC}
8	Foreign Business Language (French/German) [CU:1,L-1] {VAC}	Foreign Business Language (French/German) [CU:1,L-1] {VAC}		
Credits	26	26	25	25
Total Programme Credits 102				

****The Specialization Elective courses can also be taken through MOOC**

AC	Allied Course
AEC	Ability Enhancement Course
CC	Core Course
OE	Open Elective
SE	Specialization Elective Course
SEC	Skill Enhancement Course
MOOC	Massive Open Online Course
NTCC	Non Teaching Credit Course
VAC	Value Added Course