B.Sc. (H) Mathematics Three Year Course of Study (2019-2022)			Credits			
			Theory	Practical	Tutorial	Total
Semester I						
Core Course	C1	Calculus	4	2		6
	C2	Algebra	5		1	6
	AECC 1	Environmental Studies (EVS)	4			4
GE	GE 1	Refer Table (page 33)				6
Semester II						0
Core Course	C3	Real Analysis	5		1	6
	C4	Differential Equations	4	2		6
	AECC 2	English/Hindi/Sanskrit/ MIL/Philosophy in Lieu	4			4
GE	GE 2	Refer Table (page 33)				6
Semester III						0
Core Course	C5	Theory of Real Function	5		1	6
	C6	Group Theory-I	5		1	6
	C7	Multivariate Calculus	4	2		6
GE	GE 3	Refer Table (page 33)				6
SEC	SEC 1	Latex and HTML	2	2		4
Semester IV						0
Core Course	C8	Partial Differential Equations	4	2		6
	C9	Riemann Integration and Series of Functions	5		1	6
	C10	Ring Theory and Linear Algebra-I	5		1	6
GE	G 4	Refer Table (page 33)				6
SEC	SEC 2	Computer Algebra Systems and Related Softwares	2	2		4
Semester V						0
Core Course	C11	Metric Spaces	5		1	6
	C12	Group Theory-II	5		1	6
DSE	DSE 1	Numerical Methods	4	2		6
	DSE 2	Discrete Mathematics/ Mathematical Finance	5		1	6
Semester VI						0
Core Course	C13	Complex Analysis	4		2	6
	C14	Ring Theory and Linear Algebra-II	5		1	6
DSE	DSE 3	Probability Theory and Statistics	5		1	6
	DSE 4	Linear Programming and Theory of Games	5		1	6
TOTAL						148
						148

Note: The College reserves the right to change the papers offered as options, as well as the number of options offered in any semester, within the prescribed syllabus of the University of Delhi.