

B.Sc. (H) Botany Three Year Course of Study (2019-2022)			Credits			
			Theory	Practicals	Tutorial	Total
Semester I						
Core Course	C1	Microbiology and Phycology	4	2		6
	C2	Biomolecules and Cell Biology	4	2		6
	AECC 1	Environmental Studies (EVS)	4			4
GE	GE 1	Chemistry I – Atomic Structure, Bonding; General Organic Chemistry	4	2		6
Semester II						
Core Course	C3	Mycology and Phytopathology	4	2		6
	C4	Archegoniatae	4	2		6
	AECC 2	English/Hindi/Sanskrit/ MIL/Philosophy in Lieu	4			4
GE	GE 2	Chemistry II – Molecules of Life	4	2		6
Semester III						
Core Course	C5	Anatomy of Angiosperms	4	2		6
	C6	Economic Botany	4	2		6
	C7	Genetics	4	2		6
GE	GE 3	Zoology I – Food, Nutrition and Health	4	2		6
SEC	SEC 1	Intellectual Property Rights	2	2		4
Semester IV						
Core Course	C8	Molecular Biology	4	2		6
	C9	Ecology	4	2		6
	C10	Plant Systematics	4	2		6
GE	GE 4	Zoology II – Animal Cell Biotechnology	4	2		6
SEC	SEC 2	Biofertilizers	2	2		4
Semester V						
Core Course	C11	Reproductive Biology of Angiosperms	4	2		6
	C12	Plant Physiology	4	2		6
DSE	DSE 1	Analytical Techniques in Plant Sciences	4	2		6
	DSE 2	Biostatistics	4	2		6
Semester VI						
Core Course	C13	Plant Metabolism	4	2		6
	C14	Plant Biotechnology	4	2		6
DSE	DSE 3	Industrial and Environmental Microbiology	4	2		6
	DSE 4	Bioinformatics	4	2		6
TOTAL						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.