



**SANSKRITI UNIVERSITY**  
**MATHURA, UTTAR PRADESH**  
**B.Sc. (Hons.) Forestry**

Semester-I							
S. No.	Course Code	Course Name	Recommended by ICAR	L	T	P	C
1	BSF 101	Introduction to Forestry	2+0	2	0	0	2
2	BSF 103	Dendrology	2+1	2	0	2	3
3	BSF 105	Introduction to Agronomy and Horticulture	2+1	2	0	2	3
4	BSF 107	Geology & Soils	2+1	2	0	2	3
5	BSF 109	Information and Communication Technology	1+1	1	0	2	2
6	BLL 101	Life Skill (Communication Skills)	1+1	0	0	4	2
7	BSF 111	Plant Biochemistry	1+1	1	0	2	2
8	BSF 113/BSF 115	Forest Botany/Basic Mathematics	1+1	1	0	1	2
						TOTAL	19
Semester-II							
1	BSF 102	Plant Physiology	2+1	2	0	2	3
2	BSF 104	Plant Cytology and Genetics	1+1	1	0	2	2
3	BSF 106	Theory and Practice of Silviculture	2+1	2	0	2	3
4	BSF 108	Wood Anatomy	2+1	2	0	2	3
5	BSF 110	Wildlife Biology	2+1	2	0	2	3
6	BSF 112	Forest Protection	2+1	2	0	2	3
7	BSF 114	Statistical Methods & Experimental Designs	2+1	2	0	2	3
8	BLL 152	Life Skill (Soft Skills)	0+1*	0	0	4	2
9	BSF 100	NCC-II/NSS-II	0+1*	0	0	2	1
						TOTAL	23
Semester-III							
1	BSF 201	Environmental Studies and Disaster Management	2+1	2	0	2	3
2	BSF 203	Forest Survey & Engineering	2+1	2	0	2	3
3	BSF 205	Soil Biology & Fertility	2+1	2	0	2	3
4	BSF 207	Forest Ecology & Biodiversity	2+1	2	0	2	3
5	BSF 209	Tree Improvement	2+1	2	0	2	3
6	BSF 211	Principles of Agroforestry	2+1	2	0	2	3
7	BSF 213	Forest Mensuration	2+1	2	0	2	3
						TOTAL	21
Semester-IV							
1	BSF 202	Forest Management	2+1	2	0	2	3
2	BSF 204	Silviculture of Indian Trees	2+1	2	0	2	3
3	BSF 206	Wood Products & Utilization	2+1	2	0	2	3
4	BSF 208	Ethnobotany, Medicinal and Aromatic plants	2+1	2	0	2	3
5	BSF 210	Ornithology & Herpetology	2+1	2	0	2	3
6	BSF 212	Seed Technology & Nursery Management	2+1	2	0	2	3
7	BSF 214	Rangeland and Livestock Management	1+1	1	0	2	2
8	BSF 216	Forest Tribology & Anthropology	2+0	2	0	0	2
9	BSF 200	Study Tour of State Forest	0+1*	0	0	2	1
						TOTAL	23
Semester-V							
1	BSF 301	Forest Hydrology and Watershed Management	2+1	2	0	2	3
2	BSF 303	Climate Science	2+1	2	0	2	3
3	BSF 305	Wood Science and Technology	2+1	2	0	2	3
4	BSF 307	Logging and Ergonomics	1+1	1	0	2	2
5	BSF 309	Forest Extension & Community Forestry	2+1	2	0	2	3
6	BSF 311	Entrepreneurship Development & Business Management	1+1	1	0	2	2
7	BSF 313	Forest Economics and Marketing	2+1	2	0	2	3
8	BSF 351	Experiential Learning	0+5	0	0	10	5
						TOTAL	24
Semester-VI							
1	BSF 302	Plantation Forestry	2+1	2	0	2	3
2	BSF 304	Forest Laws, Legislation and Policies	2+0	2	0	0	2
3	BSF 306	Geomatics	1+2	1	0	4	3
4	BSF 308	Recreation & Urban Forestry	1+1	1	0	2	2
5	BSF 310	Restoration Ecology	1+1	1	0	2	2
6	BSF 312	Non-Timber Forest Products	2+1	2	0	2	3
7	BSF 314	Certification of Forest Products	2+0	2	0	0	2
8	BSF 352	Experiential Learning	0+5	0	0	10	5
						TOTAL	22
VII Semester							
1	BSF 401	Forestry Work Experience	0+20	0	0	40	20
2	BSF 451	All India Study Tour	0+3*	0	0	6	3
						TOTAL	23
VIII Semester							
1	BSF 402	Forest Inventory and Yield Prediction	1+1	1	0	2	2
2	BSF 404	Forest Biotechnology	2+1	2	0	2	3
3	BSF 406	Agroforestry Systems and Management	2+1	2	0	2	3
4	BSF 408	Wildlife Management	1+1	1	0	2	2
5	BSF 410	Agricultural Informatics	2+1	2	0	2	3
6	BSF 400	Project Work & Dissertation	0+10	0	0	20	10
						TOTAL	23