

**Semester-wise courses in B.Sc. (Hons) Forestry
Semester I**

Sl.No	Course Code	Course Title	Credit Distribution			MM
			T	P	Total	
1.	SA 1101	Introduction to Forestry	2	0	2	100
2.	SA 1102	Dendrology	2	1	3	100
3.	NR 1101	Introduction to Agronomy and Horticulture	2	1	3	100
4.	NR 1102	Geology & Soils	2	1	3	100
5.	BS 1101	Information and Communication Technology	1	1	2	100
6.	BS 1102	Communication Skills and Personality Development	1	1	2	100
7.	BS 1103	Plant Biochemistry	1	1	2	100
8.	BS 1104	Forest Botany/Basic Mathematics	1	1	2	100
9.	BS 1105	Physical Education-I	0	1*	1	100
10.	BS 1106	NCC-I/NSS-1	0	1*	1	100

Total Number of Courses C:Core Courses(08) **Remedial Course(0);**N: Non gradial course(02)	Course wise Total credits C:19, R:0, N:02=21
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Sl.No.	Course Code	Course Title	Credit Distribution			MM
			T	P	Total	
1.	FB 1201	Plant Physiology	2	1	3	100
2.	FB 1202	Plant Cytology and Genetics	1	1	2	100
3.	SA 1203	Theory and Practice of Silviculture	2	1	3	100
4.	FP 1201	Wood Anatomy	2	1	3	100
5.	WL 1201	Wildlife Biology	2	1	3	100
6.	NR 1203	Forest Protection	2	1	3	100
7.	BS 1207	Statistical Methods & Experimental Designs	2	1	3	100
8.	BS 1208	Physical Education-II	0	1*	2	100
9.	BS 1209	NCC-II/NSS-II	0	1*	1	100

Semester II

Total Number of Courses C:Core Courses(08) **Remedial Course(0);**N: Non gradial course(02)	Course wise Total credits C:20, R:0, N:02=22
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Sl.No.	Course Code	Course Title	Credit Distribution			MM
			T	P	Total	
1.	NR 2104	Environmental Studies and Disaster Management	2	1	3	100
2.	NR 2105	Forest Survey & Engineering	2	1	3	100
3.	NR 2106	Soil Biology & Fertility	2	1	3	100
4.	NR 2107	Forest Ecology & Biodiversity	2	1	3	100
5.	FB 2103	Tree Improvement	2	1	3	100
6.	SA 2104	Principles of Agroforestry	2	1	3	100
7.	SA 2105	Forest Mensuration	2	1	3	100
8.	BS 2110	Physical Education-III	0	1*	1	100
9.	BS 2111	NCC-III/NSS-III	0	1*	1	100
Total Number of Courses C:Core Courses(07) **Remedial Course(0);**N: Non gradial course(02)			Course wise Total credits C:21, R:0, N:02=23			

Semester III

Sl.No	Course Code	Course Title	Credit Distribution			MM
			T	P	Total	
1.	SA 2206	Forest Management	2	1	3	100
2	SA 2207	Silviculture of Indian Trees	2	1.	3	100
3	FP 2202	Wood Products & Utilization	2	1	3	100
4	FP 2203	Ethnobotany, Medicinal and Aromatic plants	2	1	3	100
5	WL 2202	Ornithology & Herpetology	2	1	3	100
6	FB 2204	Seed Technology & Nursery Management	2	1	3	100
7	NR 2208	Rangeland and Livestock Management	1	1	2	100
8	BS 2206	Forest Tribology & Anthropology	2	0	2	100
9	BS 2213	Study Tour of State Forest	0	1*	1	100

Semester IV

Total Number of Courses C:Core Courses(08) **Remedial Course(0);**N: Non gradial course(01)	Course wise Total credits C:22, R:0, N:01=23
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Sl.No	Course Code	Course Title	Credit Distribution			MM
			T	P	Total	
1.	SA 3108	Forest Hydrology and Watershed Management	2	1	3	100
2.	NR 3109	Climate Science	2	1	3	100
3.	FP 3104	Wood Science and Technology	2	1	3	100
4.	FP 3105	Logging and Ergonomics	1	1	2	100
5.	BS 3107	Forest Extension & Community Forestry	2	1	3	100
6.	BS 3108	Entrepreneurship Development & Business Management	1	1	2	100
7.	BS 3109	Forest Economics and Marketing	2	1	3	100
8.	EL-I	Experiential Learning	0	5*	5	100

Semester V

Total Number of Courses C:Core Courses(08) **Remedial Course(0);**N: Non gradial course(01)	Course wise Total credits C:19, R:0, N:05=24
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Sl.No	Course Code	Course Title	Credit Distribution			MM
			T	P	Total	
1.	SA 3209	Plantation Forestry	2	1	3	100
2.	NR 3210	Forest Laws, Legislation and Policies	2	0	2	100
3.	NR 3211	Geomatics	1	2	3	100
4.	NR 3212	Recreation & Urban Forestry	1	1	2	100
5.	NR 3213	Restoration Ecology	1	1	2	100
6.	FP 3206	Non-Timber Forest Products	2	1	3	100
7.	FP3207	Certification of Forest Products	2	0	2	100
8.	EL II	Experiential Learning	0	5	5	100

Semester VI

Total Number of Courses C:Core Courses(08) **Remedial Course(0);**N: Non gradial course(0)	Course wise Total credits C:22, R:0, N:0=22
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Semester VII

Sl.No.	Course Code	Course Title	Credit Distribution		
			T	P	Total
1.	FOWE	Forestry Work Experience	0	20	20
2.	BS 4117	All India Study Tour	0	3*	3
Total Number of Courses C:Core Courses(02) **Remedial Course(0);**N: Non gradial course(1)			Course wise Total credits C:20, R:0, N:3=23		

*AIST MM - 50

Components of FOWE	Duration (days)	Credits	MM
1. Planning and management of micro-watershed through forestry intervention	25- 30	5	25
2. Village attachment for social and agro-forestry activities	25- 30	5	25
3. Attachment to forest based and allied industries	20-25	5	25
4. Attachment with State Forest Department	20-25	5	25
Total		20	100

Semester VIII

Sl.No	Course Code	Course Title	Credit Distribution			MM
			T	P	Total	
1.	NR 4214	Forest Inventory and Yield Prediction	0	2	2	10
2.	FB 4205	Forest Biotechnology	0	2	2	10
3.	SA 4210	Agroforestry Systems and Management	0	2	2	10
4.	WL 4203	Wildlife Management	0	2	2	10
5.	BS 4218	Agricultural Informatics	0	2	2	10
6.	PW	Project Work & Dissertation	0	10	10	50
TOTAL			0	20	20	100

Total Number of Courses C:Core Courses(06) **Remedial Course(0);**N: Non gradial course(0)	Course wise Total credits C:20, R:0, N:0=20
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