

Course Structure for B.Sc. (Forestry) 4 year Degree Program – 2020.

Semester	No. of Courses	Credit Hours
I	9	21
II	9	23
III	9	24
IV	10	25
V	9	23
VI	9	21
VII	2	23
VIII	2	20
TOTAL	62	180

Approved by

Board of Studies in Forestry, Osmania University

Abstract of the Course Structure – 2017 & onwards

Semester-I		
Course Code	Course	Credits
BFC 101	Introduction to Forestry	2+0
BFC 102	Dendrology	2+1
BFC 103	Introduction to Agronomy and Horticulture	2+1
BFC 104	Fundamentals of Geology & Soil Science	2+1
BFC 105	Environmental Studies and Disaster Management	2+1
BFC 106	Information & Communication Technology	1+1
BFC 107	Basic Mathematics	1+1
BFC 108	Communication Skills and Personality Development	1+1
BFC 109	NCC/NSS/ Physical Education-I	0+1
	Total	13+8 = 21

Semester-II		
Course Code	Course	Credits
BFC 110	Plant Physiology	2+1
BFC 111	Plant Biochemistry	1+1
BFC 112	Principles of Silviculture	2+1
BFC 113	Wood Anatomy	1+1
BFC 114	Forest Protection	2+1
BFC 115	Wildlife Biology	2+1
BFC 116	Statistical Methods and Experimental Techniques	2+1
BFC 117	Principles of Plant Cytology and Genetics	2+1
BFC 118	NCC/NSS/ Physical Education-II	0+1
	Total	14+9 = 23

Semester-III		
Course Code	Course	Credits
BFC 201	Forest Survey & Engineering	2+1
BFC 202	Fertility of Forest Soils and Nutrient Management	2+1
BFC 203	Forest Ecology & Biodiversity Conservation	2+1
BFC 204	Forest Genetics & Tree Improvement	2+1
BFC 205	Principles of Agroforestry	2+1
BFC 206	Forest Mensuration	2+1
BFC 207	Rangeland and livestock management	1+1
BFC 208	Agricultural Informatics	2+1
BFC 209	NCC/NSS/ Physical Education-III	0+1
	Total	15+9 = 24

Semester – IV		
Course Code	Course	Credits
BFC 210	Forest Management	2+1
BFC 211	Wood Products & Utilization	2+1
BFC 212	Ornithology & Herpetology	2+1
BFC 213	Seed Technology & Nursery Management	2+1
BFC 214	Ethnobotany, medicinal and aromatic plants	2+1
BFC 215	Plantation Forestry	2+1
BFC 216	Silviculture of Indian Trees	2+1
BFC 217	Tree harvesting and ergonomics	1+1
BFC 218	Study Tour of State Forests (10 Days)	0+1
BFC 219	NCC/NSS/ Physical Education-III	0+1
	Total	15+10 = 25

Semester – V		
Course Code	Course	Credits
BFC 301	Forest Hydrology and Watershed Management	2+1
BFC 302	Agrometeorology and Climate Science	2+1
BFC 303	Non-Timber Forest Products	2+1
BFC 304	Economics and Marketing	2+1
BFC 305	Forest Extension & Community Forestry	2+1
BFC 306	Recreation & Urban Forestry	1+1
BFC 307	Forest Biotechnology	2+1
BFC 308	Agroforestry Systems and Management	1+1
BFC 309	NCC/NSS/Physical Education	0+1

	Total	14+9 = 23
--	--------------	------------------

Semester-VI

Course Code	Course	Credits
BFC 310	Practices of Silviculture	2+1
BFC 311	Forest Laws, Legislation and Policies	2+0
BFC 312	Remote Sensing & GIS	1+1
BFC 313	Entrepreneurship Development and Business Management	1+1
BFC 314	Restoration of Degraded Lands	1+1
BFC 315	Wood Science and Technology	2+1
BFC 316	Forest Ecophysiology	2+1
BFC 317	Forest Tribology & Anthropology	2+0
BFC 318	Wildlife Management	1+1
	Total	14+7 = 21

Semester-VII

Course Code	Course	Credits
BFC 401	Student READY -Forestry Work Experience (FoWE)	0+20
BFC 402	All India Study Tour (21 days)	0+3
	Total	0+23 = 23

Semester-VIII

Course Code	Course	Credits
BFC 403	Student READY- Experiential Learning	0+10
BFC 404	Student READY-Project Work & Dissertation	0+10
	Total	0+20
	Grand Total	85+95 = 180