

Structure B.Sc. Botany syllabus
Choice Based Credit System (2019 Pattern)

Year	Semester	Course Type	Course code	Course Name	Credits
F.Y.B.Sc.					
1	1	Compulsory Course	BO 111	Plant life and utilization I	2
			BO 112	Plant morphology and Anatomy	2
			BO 113	Practical based on BO 111 & BO 112	1.5
1	2	Compulsory Course	BO 121	Plant life and utilization II	2
			BO 122	Principles of plant science	2
			BO 123	Practical based on BO 121 & BO 122	1.5
S.Y.B.Sc.					
2	3	Compulsory Course	BO 231	Taxonomy of Angiosperms and Plant Ecology	2
			BO 232	Plant Physiology	2
			BO 233	Practical based on BO 231 & BO 232	2
2	4	Compulsory Course	BO 241	Plant Anatomy and Embryology	2
			BO 242	Plant Biotechnology	2
			BO 243	Practical based on BO 241 & BO 242	2
T.Y.B.Sc.					
3	5	Discipline Specific Elective Course	BO 351	Algae and Fungi	2
			BO 352	Archegoniate	2
			BO 353	Spermatophyta and Paleobotany	2
			BO 354	Plant Ecology	2
			BO 355	Cell and Molecular Biology	2
			BO 356	Genetics	2
			BO 357	Practical based on BO 351 & BO 352	2
			BO 358	Practical based on BO 353 & BO 354	2
			BO 359	Practical based on BO 355 & BO 356	2
		Skill Enhancement course	BO 3510	Medicinal Botany	2
			BO 3511	Plant Diversity and Human Health	2
3	6	Discipline Specific Elective Course	BO 361	Plant Physiology	2
			BO 361	Biochemistry	2
			BO 362	Plant Pathology	2
			BO 363	Evolution and Population genetics	2
			BO 364	Advanced Plant Biotechnology	2
			BO 365	Plant Breeding and Seed Technology	2
			BO 366	Practical based on BO 361 & BO 362	2
			BO 367	Practical based on BO 361 & BO 362	2
			BO 368	Practical based on BO 361 & BO 362	2
		Skill Enhancement course	BO 3610	Nursery and Gardening Management	2
			BO 3611	Biofertilizers	2