

B.Sc., Plant Biology and Plant Biotechnology

YEAR OF IMPLEMENTATION : 2012										YEAR OF IMPLEMENTATION : 2016									
Sem	Course Code	Course Title	OLD/ NEW	% of Modification	NET- Yes/ No	% of Inclusion	Skill Development	Entrepreneurs hip	Employ ability	Sem	Course Code	Course Title	OLD/ NEW	% of Modification	NET- Yes/ No	% of Inclusion	Skill Development	Entrepreneurs hip	Employ ability
I	PB 1508	Algology and Bryology	Old	0%					√	I	16UPB1MC01	Algae And Bryophytes	Old	0%					√
I	PB 1509	Mycology	Old	0%					√	I	16UPB1MC02	Fungi	Old	0%					√
I	PB 1510	Practical -I (Algology, Bryology and Mycology)	Old	0%					√	I	16UPB1MC03	Laboratory course - i (algae, bryophytes& fungi)	Old	0%					√
II	PB 2102	Essential of Plant Biology (AR)		0%					√	I	16UPB1AL01	Basics of Plant Biology							√
II	PB 2103	Allied Practical I (AR)		0%					√	I	16UPB1AL02	Allied Practical I							√
II	PB 2504	Pteridophytes, Gymnosperms and Paleobotany.	Old	0%					√	II	16UPB2MC01	Pteridophytes, gymnosperms and paleobotany	Old	5%					√
II	PB 2506	Cell Biology and Evolution	Old	0%					√	III	16UPB3MC02	Cell biology and evolution	Old	0%					√
II	PB 2507	Practical – II (Pterido. Gymno and Paleo.& Cell Biology and evolution)	Old	0%					√	II	16UPB2MC03	Laboratory course - ii (pterido. Gymno. And paleo bot. & plant anatomy and embryology)	Old	0%					√
III	PB 3210	General Microbiology (AO-1)		0%					√		16UPB2AL01	Applied microbiology		10%					√
III	PB 3211	AO Practical I		0%					√		16UPB2AL02	Applied microbiology practical		10%					√
III	PB 3510	Microbiology	Old	0%					√	III	16UPB3MC01	Microbiology	Old	0%					√
III	PB 3511	Plant Anatomy	Old	0%					√	II	16UPB2MC02	Plant anatomy and embryology	Old	50%					√
III	PB 3512	Practical III (Microbiology and Plant Anatomy)	Old	0%					√	III	16UPB3MC03	Laboratory course - iii (microbiology, cell biology and evolution)	Old	5%					√
IV	PB 4510	Angiosperm Taxonomy and Economic Botany	Old	0%					√	IV	16UPB4MC01	Angiosperm taxonomy and economic botany	Old	5%					√
IV	PB 4511	Embryology of Angiosperms		0%					√		**	**		**					√
IV	PB 4512	Practical IV (Ang. Taxon, Eco. Bot., and Embryology)		0%					√	IV	16UPB4MC02	Laboratory course - iv (ang. Taxon and eco. Bot)							√
IV	PB 4210	Microbial Biotechnology (AO-2)		0%					√		#	#		#					
IV	PB 4211	AO-2 Practical		0%					√										
V	PB 5411	Phytochemicals		0%					√		*	*		*					√
										IV	16UPB4ES01	Biological techniques	New	100%					√
										IV	16UPB4ES02	Biological techniques lab	New	100%					√
V	PB 5412	Agriculture and Horticulture		0%					√	IV	16UPB4ES03	Horticulture and landscaping	Old	50%					√
										IV	16UPB4ES04	Horticulture and landscaping lab	Old	100%					
										V	16UPB5ES01	Principles of agriculture	Old	50%					
										V	16UPB5ES02	Principles of agriculture lab.	Old	100%					

V	PB 5413	Bioinstrumentation & Biostatistics (OR)		0%				√	V	16UPB5ES03	Bioinformatics and biostatistics	New	50%					√
									V	16UPB5ES04	Bioinformatics and biostatistics lab	New	100%					
V	PB 5414	Phytogeography and Forestry	Old	0%				√	V	16UPB5MC03	Ecology, phytogeography and forestry	Old	10%					√
V	PB 5521	Plant Physiology	Old	0%				√	V	16UPB5MC01	Plant physiology	Old	0%					√
V	PB 5522	Genetics and Plant Breeding	Old	0%				√	V	16UPB5MC02	Genetics and plant breeding	Old	0%					√
V	PB 5523	Plant Diseases and Management	Old	0%				√	VI	16UPB6MC01	Plant diseases and management	Old	0%					√
V	PB 5524	Ethnobotany and Herbal Sciences	Old	0%		√	√	√	VI	16UPB6MC02	Herbal sciences and ethnobotany	Old	0%				√	√
V	PB 5525	Practical V (Pl. Phy & Genetics)	Old	0%				√	V	16UPB5MC05	Laboratory course-vi (genetics and pl. Breeding & ecology, phytogeography and forestry)	Old	10%					√
V	PB 5526	Practical VI (Plant Diseases and Management & Ethno. and Herbal Sci.)	Old	0%				√	VI	16UPB6MC05	Laboratory course- vii (plt. Dis.and mang.,& herbal sciences and ethnobotany)	Old	0%					√
									V	16UPB5MC04	Laboratory course- v (plant physiology)	Old	0%					
VI	PB 6612	Plant Biotechnology	Old	0%		√		√	VI	16UPB6MS01	Plant biotechnology	Old	10%				√	√
									VI	16UPB6MS02	Laboratory course- ix (plant biotechnology)	Old	0%					
VI	PB 6613	Microbial Technology	Old	0%		√		√	VI	16UPB6MC03	Microbial technology	Old	0%				√	√
VI	PB 6614	Ecology and Environmental	Old	0%				√	VI	16UPB6MC04	Environmental biotechnology	Old	25%				√	√
VI	PB 6615	Practical VII (Plt. Biotech., Micro. Tech & Eco. & Env. Bio.Tech.)	Old	0%					VI	16UPB6MC06	Laboratory course-viii (microbial tech. & env. Biotech)	Old	0%					
VI	PB 6655	Mushroom Cultivation and Bio-fertilizer Production	Old	0%		√		√	V	16UPB5SK01	Production of mushroom, biofertilizers and single cell protein	Old	20%				√	√