

## BOTANY

From the 2000 level onwards, Botany is offered as a principal subject area. The students who have followed Biology\*/ Biology\*\* as a principal subject area at the 1000 level are permitted to take Botany as a principal subject at 2000 and 3000 levels. Other students who wish to follow selected course units in Botany would also be accommodated subject to availability of places. Those students who have completed Botany as a principal subject at the 2000 level shall be eligible for selection to an Honours Degree in Botany at the end of the second year subjected to their fulfilment of compulsory requirements for the Honours Degree in Botany.

2000 LEVEL – BOTANY					
Course Code	Course Title	No. of Credits	Pre-requisites	Compulsory	
				Hons.	B.Sc.
BOT2012	Algae and Fungi	2		√	√
BOT2022	Evolution and Diversity of Land Plants	2	BOT2012	√	√
BOT2032	Angiosperm Morphology and Anatomy	2			
BOT2042	Plant Water Relations and Nutrition	2		√	√
BOT2052	Photosynthesis and Respiration	2			
BOT2062	Microbial Ecology and Functions	2		√	√
BOT2072	Microbial Genetics	2			
BOT2082	Biodiversity Conservation and Management	2			
BOT2092	Food Chemistry and Technology	2			
<b>Total</b>		<b>18</b>		<b>08</b>	<b>08</b>

3000 LEVEL – BOTANY					
Course Code	Course Title	No. of Credits	Pre-requisites	Compulsory	
				Hons.	B.Sc.
BOT3012	Bioinstrumentation	2			
BOT3022	Plant Metabolites	2		√	
BOT3032	Plant Systematics	2		√	√
BOT3042	Plant Pathology	2		√	√
BOT3052	Quantitative Plant Ecology	2			
BOT3062	Enzymes: Concepts to Applications	2	BIO1012		
BOT3072	Plant Quantitative and Applied Genetics	2		√	
BOT3082	Biostatistics	2		√	
BOT3092	Soil Fertility and Management	2			
BOT3102	Developmental Physiology and Postharvest Technology	2			

BOT3112	Microbiological Applications	2			
BOT3122	Biotic Interactions and Applications	2			
BOT3132	Plants, Life and Skills	2			
BOT3142	Effective Scientific Communication	2		√	√
BOT3152	Food Engineering and Nutrition	2			
<b>Total</b>		<b>30</b>		<b>12</b>	<b>06</b>

<b>4000 LEVEL - BOTANY</b>				
Course Code	Course Title	No. of Credits	Pre-requisites	Comments
				Hons.
BOT4012	Plant Systematics and Phylogenetics	2	BOT3032	
BOT4022	Plant Stress Physiology	2		
BOT4032	Phytogeography	2		
BOT4042	Advanced Plant Pathology	2	BOT3042	
BOT4053	Dynamic Plant Ecology	3	BOT3052	
BOT4062	Cryptogamic Botany	2		
BOT4072	Advanced Topics in Biochemistry	2		
BOT4082	Forest Management	2		
BOT4092	Diazotrophs and Sustainable Soils	2		
BOT4102	Physiology and Management of Ornamental Plants	2		
BOT4112	Toxicology	2		
BOT4122	Seed Biology and Technology	2		
BOT4132	Ecological Restoration	2		
BOT4142	Molecular Genetics: Genes to Function	2	BOT3072	
BOT4151	Herbarium Techniques	1		√
BOT4998	Research Project	8		√
SCI4003	Industrial Training	3		
<b>Total</b>		<b>41</b>		<b>09</b>