

BS 04 Years & Associate Degree in Botany

Course Title	Course Code	Course Type	Credit Hour
Semester 1			
Functional English	GENG-101	General	3
Civics and Community Engagement	GCCE-101	General	2
Islamic Studies / Ethics (for Non-Muslims)	GISL-101 / GETH-101	General	2
Diversity of Plants (Theory)	BOT-112	Major	2
Cell Biology (Theory)	BOT-110	Major	2
Fehm-e-Quran	HQ-001N	Compulsory	0
General Zoology (NS)	NB-107	General	3
Cell Biology (Lab)	BOT-110L	Major	1
Diversity of Plants (Lab)	BOT-112L	Major	1
			Total Credit Hours 16
Semester 2			
Basic Arabic Language (AH)	AARB-122	General	2
Quantitative Reasoning (I)	GQR-101	General	3
Entrepreneurship	GENT-101	General	2
Ideology and Constitution of Pakistan	GICP-101	General	2
Fundamentals of Genetics and Evolution (Theory)	BOT-118	Major	2
Fundamentals of Plant Taxonomy (Theory)	BOT-114	Major	2
Fehm-e-Quran	HQ-002N	Compulsory	1
Fundamentals of Genetics and Evolution (Lab)	BOT-118L	Major	1
Fundamentals of Plant Taxonomy (Lab)	BOT-114L	Major	1
Biodiversity and Conservation (Theory)	BOT-116	Major	2
Biodiversity and Conservation (Lab)	BOT-116L	Major	1
			Total Credit Hours 19
Semester 3			
Applications of Information and Communication Technologies	GICT-201	General	3
Expository Writing	GENG-201	General	3
Tarjuma-e-Quran	HQ-003	Compulsory	0
Pakistan Studies.	GPST-201	General	2
Phycology & Bryology (Theory)	BOT-201	Major	3
Phycology & Bryology (Lab)	BOT-201L	Major	1
Mycology (Theory)	BOT-203	Major	2
Mycology (Lab)	BOT-203L	Major	1
Plant Anatomy and Embryology (Theory)	BOT-205	Major	2
Plant Anatomy and Embryology (Lab)	BOT-205L	Major	1
			Total Credit Hours 18
Semester 4			
<u>GEN(SS)</u>		General	2
Phytogeography (Theory)	BOT-207	Major	2
Phytogeography (Lab)	BOT-207L	Major	1
Principles of Plant Ecology (Theory)	BOT-209	Major	2
Principles of Plant Ecology (Lab)	BOT-209L	Major	1
Principles of Plant Biochemistry (Theory)	BOT-211	Major	2
Principles of Plant Biochemistry (Lab)	BOT-211L	Major	1
Principles of Plant Physiology (Theory)	BOT-213	Major	2
Principles of Plant Physiology (Lab)	BOT-213L	Major	1
Quantitative Reasoning II	GQR-202	General	3
Tarjuma-e-Quran	HQ-004	Compulsory	1
			Total Credit Hours 18
Semester 5			
Interdisciplinary	BOT-311	Interdisciplinary	3
Major	BOT-307	Major	3
major	BOT-305	Major	3
major	BOT-303	Major	3
major	BOT-301	Major	3
Tarjuma-e-Quran	HQ-005	Compulsory	0
			Total Credit Hours 15
Semester 6			
Interdisciplinary	BOT-317	Interdisciplinary	3
Interdisciplinary	BOT-319	Interdisciplinary	3
Interdisciplinary	BOT-320	Interdisciplinary	3
major	BOT-313	Major	3
major	BOT-315	Major	3
Tarjuma-e-Quran	HQ-006	Compulsory	1
			Total Credit Hours 16
Semester 7			
Fieldwork / Intership		Major	3
major	BOT-400	Major	3
Interdisciplinary	BOT-406	Interdisciplinary	3
major	BOT-404	Major	3
major		Major	3
Tarjuma-e-Quran	HQ-007	Compulsory	0
			Total Credit Hours 15
Semester 8			
Capstone Project		Major	3
major		Major	3

major	BOT-411	Major	3
major	BOT-410	Major	3
major	BOT-408	Major	3
Tarjuma-e-Quran	HQ-008	Compulsory	1
			Total Credit Hours 16
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