

2. Course Layout of the Faculty of Agriculture

Level-1 Semester-1			Level-1 Semester-2		
Course Code	Course Title	Credit hours	Course Code	Course Title	Credit hours
AGRSS 111	Fundamentals of Agronomy (T)	2	AGRSS 121	Seed Science & Technology (T)	2
AGRSS 112	Introductory Agronomic Practices (P)	2	AGRSS 122	Seed Science & Technology (P)	2
SS 111	Introductory Soil Science (T)	2	BCHEM 121	Chemistry of Biomolecules (T)	2
SS 112	Introductory Soil Science (P)	2	BCHEM 122	Chemistry of Biomolecules (P)	2
HORT 111	Fundamentals of Horticulture (T)	2	CBOT 121	Plant Morphology, Embryology & Taxonomy (T)	3
HORT 112	Fundamentals of Horticulture (P)	2	CBOT 122	Plant Morphology, Embryology & Taxonomy (P)	2
FPM 111	Farm Mechanics (T)	2	AGEXT 121	Fundamentals of Extension, leadership and Motivation (T)	3
FPM 112	Farm Mechanics (P)	2	AGEXT 122	Fundamentals of Extension, leadership and Motivation (P)	2
AGECO 111	Agricultural Economics (T)	3	COMPS 121	Computer Science (T)	2
LAN 111	English Language (T)	2	COMPS 122	Computer Science (P)	1
			ARD 121	Rural Sociology (T)	2
Total		21	Total		23

Level-2 Semester-1			Level-2 Semester-2		
Course Code	Course Title	Credit hours	Course Code	Course Title	Credit hours
AGRSS 211	Weed Science (T)	2	ENT 221	Fundamentals of Entomology (T)	3
AGRSS 212	Weed Science (P)	2	ENT 222	Fundamentals of Entomology (P)	2
SS 211	Soil Physics & Soil Chemistry (T)	3	PPATH 221	Fundamentals & Principles of Plant Pathology (T)	3
SS 212	Soil Physics & Soil Chemistry (P)	2	PPATH 222	Fundamentals & Principles of Plant Pathology (P)	2
HORT 211	Ornamental Horticulture and Plantation Crops (T)	2	CBOT 221	Plant Ecology (T)	3
HORT 212	Ornamental Horticulture and Plantation Crops (P)	2	CBOT 222	Plant Ecology (P)	2
AGEXT 211	Extension Communication and Group Approaches (T)	2	GPB 221	Cytology and Cytogenetics (T)	3
AGEXT 212	Data Collection, Processing and Report Writing (P)	2	GPB 222	Cytology and Cytogenetics (P)	2
BCHEM 211	Metabolism and Human Nutrition (T)	3	AGCHM 221	Nuclear, Agro-Industrial & water chemistry (T)	3
BCHEM 212	Metabolism and Human Nutrition (P)	2	AGCHM 222	Nuclear, Agro-Industrial & water chemistry (P)	2
Total		22	Total		25

Level-3 Semester-1			
Course Code	Course Title	Credit hours	
HORT 311	Vegetables and Spice Crops (T)	3	
HORT 312	Vegetables and Spice Crops (P)	2	
GPB 311	Genetics (T)	3	
GPB 312	Genetics (P)	2	
AST 311	Agricultural Statistics (T)	3	
AST 312	Agricultural Statistics (P)	2	
AGCHM 311	Plant Nutrition, Pesticide and Environmental Chemistry (T)	3	
AGCHM 312	Plant Nutrition, Pesticide and Environmental Chemistry (P)	2	
AGROF 311	Principles of Agroforestry (T)	3	
AGROF 312	Principles of Agroforestry (P)	2	
Total		25	

Level-3 Semester-2			
Course Code	Course Title	Credit hours	
AGRSS 321	Crop Husbandry (T)	3	
AGRSS 322	Crop Husbandry (P)	2	
SS 321	Soil Survey & Classification (T)	3	
SS 322	Soil Survey & Classification (P)	2	
ENT 321	Insect Ecology and Pest Management (T)	3	
ENT 322	Insect Ecology and Pest Management (P)	2	
PPATH 321	Diseases of Field Crops (T)	3	
PPATH 322	Diseases of Field Crops (P)	2	
CBOT 321	Plant Physiology (T)	3	
CBOT 322	Plant Physiology (P)	2	
Total		23	

Level-4 Semester-1			
Course Code	Course Title	Credit hours	
ENT 411	Economic Entomology (T)	3	
ENT 412	Economic Entomology (P)	2	
PPATH 411	Diseases of Horticultural Crops and Seed Pathology (T)	3	
PPATH 412	Diseases of Horticultural Crops and Seed Pathology (P)	2	
AGEXT 411	Extension Organization Management (T)	3	
AGEXT 412	Extension Program Planning and Outreach Program (P)	2	
GPB 411	Plant Breeding (T)	3	
GPB 412	Plant Breeding (P)	2	
ENVSC 411	Management of Environment (T)	2	
ENVSC 412	Management of Environment (P)	2	
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Total		24	

Level-4 Semester-2			
Course Code	Course Title	Credit hours	
AGRSS 421	Crop Production and Farm Management (T)	3	
AGRSS 422	Crop Production and Farm Management (P)	2	
SS 421	Soil Microbiology and Soil Fertility (T)	3	
SS 422	Soil Microbiology and Soil Fertility (P)	2	
HORT 421	Pomology (T)	3	
HORT 422	Pomology (P)	2	
BTECH 421	Plant Biotechnology (T)	3	
BTECH 422	Plant Biotechnology (P)	2	
LAN 422	English Language (P)	1	
Elective Course (two T of 2 + 2 cr)Enclosure-1.....		4	
Total		25	

Total Credit hrs. (T + P) : 112 + 78 = 190

Enclosure-1: List of available elective course in particular levels and semesters for B. Sc. Ag. (Hons.) Degree.

Level-4 Semester-2		
Course Code	Course Title	Credit hours
AGRSS 423	Hill and Haor Agriculture (T)	2
SS 423	Soil Pollution (T)	2
CBOT 423	Tea Technology (T)	2
GPB 423	Special Plant Breeding (T)	2
HORT 423	Post-harvest Management of Horticultural Crops (T)	2
PPATH 423	Clinical Plant Pathology (T)	2
ENT 423	Insect Physiology (T)	2
AGEXT 423	Community Participation (T)	2
AGROF 423	Plant Biodiversity & Conservation (T)	2
AGCHM 423	Bio-energy Principles and Practices (T)	2

Note: Elective Course(s) shall be offered as per concerned Departmental Academic Committee (AC) & the Faculty decisions with probable seat limitation.