

Level-1, Semester-I

Course Code	Course Title	Credits	Contact Hours
AGR-1101T	Fundamentals of Agronomy (Theory)	2	2
AGR-1102P	Fundamentals of Agronomy (Practical)	1	2
SOS-1103T	Introductory Soil Science (Theory)	2	2
SOS-1104P	Elementary Soil Experiments (Practical)	1	2
ABT-1105T	Plant Morphology & Anatomy (Theory)	2	2
ABT-1106P	Plant Morphology & Anatomy (Practical)	1	2
ANP-1107T	Livestock and Poultry Production (Theory)	2	2
ANP-1108P	Livestock and Poultry Production (Practical)	1	2
AEN-1109T	Agricultural Engineering (Theory)	3	3
AEN-1110P	Agricultural Engineering (Practical)	1	2
CRD-1111T	Career Development (Theory)	2	2
ENG-1112P	Communicative and Functional English (Practical)	1	2
Total		19	25

Level-1, Semester-II

Course Code	Course Title	Credits	Contact Hours
AGF-1201T	Agroforestry System, Practices & Management (Theory)	2	2
AGF-1202P	Agroforestry System, Practices & Management (Practical)	1	2
BMB-1203T	Chemistry of Biomolecules (Theory)	2	2
BMB-1204P	Chemistry of Biomolecules (Practical)	1	2
AGR-1205T	Seed Technology (Theory)	2	2
AGR-1206P	Seed Technology (Practical)	1	2
HOR-1207T	Introduction to Floriculture & Landscape Horticulture (Theory)	2	2
HOR-1208P	Introduction to Floriculture & Landscape Horticulture (Practical)	1	2
ACH-1209T	Fertilizer and Nuclear Chemistry (Theory)	3	3
ACH-1210P	Elementary Experiments of Agricultural Chemistry (Practical)	1	2
ECO-1211T	Agricultural Economics (Theory)	2	2
COM -1212	Viva-voce	1	
Total		19	23

Level-2, Semester-I

Course Code	Course Title	Credits	Contact Hours
BMB-2301T	Intermediary Metabolism and Food Nutrition (Theory)	2	2
BMB-2302P	Intermediary Metabolism and Food Nutrition (Practical)	1	2
AGR-2303T	Weed management (Theory)	2	2
AGR-2304P	Weed management (Practical)	1	2
SOS-2305T	Soil classification, Survey and conservation (Theory)	2	2
SOS-2306P	Field & Laboratory Study of Soil (Practical)	1	2
HOR-2307T	Vegetable Production (Theory)	2	2
HOR-2308P	Vegetable Production (Practical)	1	2
ENV-2309T	Climate & Agro-Environmental Issues (Theory)	2	2
PLP-2310T	Introduction to Plant Pathology & Microbiology (Theory)	2	2
PLP-2311P	Laboratory Techniques in Plant Pathology & Microbiology (Practical)	1	2
Total		17	22

Level-2, Semester-II

Course Code	Course Title	Credits	Contact Hours
GPB-2401T	Cytology & Cytogenetics (Theory)	2	2
GPB-2402P	Cytology & Cytogenetics (Practical)	1	2
ENT-2403T	Introductory Entomology (Theory)	2	2
ENT-2404P	Introductory Entomology (Practical)	1	2
AEX-2405T	Fundamentals of Agricultural Extension (Theory)	2	2
AEX-2406P	Fundamentals of Agricultural Extension (Practical)	1	2
PLP-2407T	Disease Management of Field Crops & Seeds (Theory)	3	3
PLP-2408P	Disease Management of Field Crops & Seeds (Practical)	1	2
STT-2409T	Agricultural Statistics (Theory)	2	2
STT-2410P	Agricultural Statistics (Practical)	1	2
HOR-2411T	Spices, Condiments & Medicinal Plant Production (Theory)	2	2
HOR-2412P	Spices, Condiments & Medicinal Plant Production (Practical)	1	2
COM -2413	Viva-voce	1	
Total		20	25

Level-3, Semester-I

Course Code	Course Title	Credits	Contact Hours
HOR-3501T	Vegetable Seed Production & Horticultural Nursery Management (Theory)	2	2
HOR-3502P	Vegetable Seed Production & Horticultural Nursery Management (Practical)	1	2
GPB-3503T	Genetics (Theory)	3	3
GPB-3504P	Genetics (Practical)	1	2
AEX-3505T	Extension Communication & Innovation Management (Theory)	3	3
AEX-3506P	Extension Communication & Innovation Management (Practical)	1	2
BMB-3507T	Agro-Biotechnology (Theory)	3	3
BMB-3508P	Agro-Biotechnology (Practical)	1	2
AGR-3509T	Agronomic Crop Production & Post-harvest Techniques (Theory)	3	3
AGR-3510P	Agronomic Crop Production & Post-harvest Techniques (Practical)	1	2
ENT-3511T	Systematic Entomology & Insect Ecology (Theory)	2	2
ENT-3512P	Systematic Entomology & Insect Ecology (Practical)	1	2
Total		22	28

Level-3, Semester-II

Course Code	Course Title	Credits	Contact Hours
AGR-3601T	Agronomic Farming System (Theory)	2	2
AGR-3602P	Agronomic Farming System (Practical)	1	2
ENT-3603T	Pest Management & Economic Entomology (Theory)	3	3
ENT-3604P	Pest Management & Economic Entomology (Practical)	1	2
ABT-3605T	Plant Physiology (Theory)	2	2
ABT-3606P	Plant Physiology (Practical)	1	2
SOS-3607T	Physical & Chemical Properties of Soil (Theory)	2	2
SOS-3608P	Physical & Chemical Properties of Soil (Practical)	1	2
PLP-3609T	Disease Management of Horticultural & Post-harvested Crops (Theory)	2	2
PLP-3610P	Disease Management of Horticultural & Post-harvested Crops (Practical)	1	2
HOR-3611T	Fruit Production & Orchard Management (Theory)	2	2
HOR-3612P	Fruit Production & Orchard Management (Practical)	1	2
COM-3613	Viva-voce	1	
Total		20	25

Level-4, Semester-I

Course Code	Course Title	Credits	Contact Hours
GPB-4701T	Plant Breeding (Theory)	2	2
GPB-4702P	Plant Breeding (Practical)	1	2
ABT-4703T	Plant Ecology (Theory)	2	2
ABT-4704P	Plant Ecology (Practical)	1	2
SOS-4705T	Soil Fertility & Soil Microbiology (Theory)	3	3
SOS-4706P	Soil Fertility & Soil Microbiology (Practical)	1	2
ACH-4707T	Agro-industrial and Environmental Chemistry (Theory)	3	3
ACH-4708P	Agro-industrial and Environmental Chemistry (Practical)	1	2
AEX-4709T	Management of Extension Organizations (Theory)	3	3
AEX-4710P	Management of Extension Organizations (Practical)	1	2
Total		18	23

Level-4, Semester-II

Course Code	Course Title	Credits	Contact Hours
First Four Months			
HOR-4801T	Post-harvest Management of Horticultural Crops (Theory)	2	2
HOR-4802P	Post-harvest Management of Horticultural Crops (Practical)	1	2
CSE-4803T	Agricultural Information System (Theory)	2	2
CSE-4804P	Agricultural Information System (Practical)	1	2
MAR-4805T	Agricultural Value Chain Development & Marketing (Theory)	2	2
COM-4806T	Research Methodology (Theory)	2	2
COM-4808	Viva-voce	1	