

B.Sc. (Hons) Agriculture Major Horticulture

SEMESTER-V (Students will opt. 2 credit hours from elective courses)

Course #	Title	Credit Hours	Course Type
HORT-501	PRINCIPLES OF FRUIT PRODUCTION AND MANAGEMENT	3(2-1)	Major
HORT-503	VEGETABLE CROP PHYSIOLOGY	3(2-1)	Major
HORT-505	ORNAMENTAL HORTICULTURE	3(2-1)	Major
HORT-507	MEDICINAL AND AROMATIC PLANTS PRODUCTION	3(2-1)	Major
HORT-509	ORGANIC HORTICULTURE	3(2-1)	Major
HORT-511	GREENHOUSE MANAGEMENT	3(2-1)	Major
Sub-Total Credit Hours		18	
HORT-513	INDOOR GARDENING	2(1-1)	Major/ Elective
HORT-517	INNOVATIVE VEGETABLE PRODUCTION	2(1-1)	Major/ Elective
AGR-615	ANALYTICAL TECHNIQUES IN PLANT SCIENCES	2(0-2)	Major/ Elective
TGM-501	TUTORIAL GROUP MEETING FOR SOFT SKILLS	NCC	Compulsory
Total Credit Hours		20	

SEMESTER-VI (Students will opt. 5 credit hours from elective courses)

Course #	Title	Credit Hours	Course Type
HORT-502	TROPICAL AND SUBTROPICAL FRUITS	3(2-1)	Major
HORT-504	VEGETABLE PRODUCTION	3(2-1)	Major
HORT-506	LANDSCAPE HORTICULTURE	3(2-1)	Major
HORT-508	GENETICS AND BREEDING OF HORTICULTURAL CROPS	3(2-1)	Major
HORT-510	RESEARCH METHODS IN HORTICULTURE	3(2-1)	Major
Sub-Total Credit Hours		15	
HORT-512	UNDERUTILIZED FRUIT PRODUCTION	3(2-1)	Major/ Elective
HORT-514	BIOLOGICAL DATA SCIENCE	3(2-1)	Major/ Elective
PP-504	DISEASES OF HORTICULTURAL CROPS	3(2-1)	Major/ Elective
HORT-516	GOOD AGRICULTURAL PRACTICES	2(1-1)	Major/ Elective
HORT-518	HORTICULTURAL ENTREPRENEURSHIP AND PROJECT MANAGEMENT	2(1-1)	Major/ Elective
TGM-502	TUTORIAL GROUP MEETING FOR SOFT SKILLS	NCC	Compulsory
Total Credit Hours		20	

SEMESTER-VII

Course #	Title	Credit Hours	Course Type
HORT-601	NUTRIENT MANAGEMENT IN HORTICULTURE	3(2-1)	Major
HORT-603	COMMERCIAL FLOWER PRODUCTION	3(2-1)	Major
HORT-605	NURSERY PRODUCTION AND MANAGEMENT	3(2-1)	Major

HORT-607	MICROPROPAGATION	2(1-1)	Major
HORT-609	POSTHARVEST HORTICULTURE	3(2-1)	Major
HORT-611	SCIENTIFIC COMMUNICATIONS	2(1-1)	Major
HORT-613	TEMPERATE FRUITS	2(1-1)	Major
HORT-615	PRINCIPLES OF FLOWERS AND VEGETABLE SEED PRODUCTION	2(1-1)	Major
TGM-601	TUTORIAL GROUP MEETING FOR SOFT SKILLS	NCC	Compulsory
Total Credit Hours		20	

SEMESTER-VIII

Course #	Title	Credit Hours	Course Type
HORT-602	INTERNSHIP	3(0-3)	Major
HORT-604	CAPESTONE PROJECT	3(0-3)	Major
Total Credit Hours		06	