

UNDERGRADUATE COURSES

Curriculum for the Degree of Bachelor of Science (B.Sc.) in *Horticultural Science*.

COURSE CODE	COURSE TITLE	CREDITS
Semester I (Fall)		
21-10-103	General Chemistry	3
36-22-101	General Biology	2
19-14-103	General Math. 1	3
36-22-103	Botany I (Plant Anatomy & Physiology)	3
25-10-113	General English of Agriculture	3
-	General Courses	4
Semester II (Spring)		
36-22-105	Botany II (Plant Morphology and Taxonomy)	3
21-12-229	Organic Chemistry	3
20-10-118	General Physics of Agriculture	2
36-20-222	Introduction to Soil Science	3
-	General Courses	-
Semester III (Fall)		
36-22-225	Meteorology and Climatology	3
36-14-235	Principles of Horticulture	3
36-22-209	Genetics	3
36-22-122	General Agronomy	3
36-22-107	Statistics and Probabilities	3
-	General Courses	-
Semester IV (Spring)		
36-14-238	Plant Physiology	3
36-28-221	General Entomology and Pest Control	3
36-14-239	Plant Propagation	3
36-12-221	Surveying & Planimetry	3
36-26-201	General Biochemistry	3
-	General Courses	-
Semester V (Fall)		
36-22-441	Principles of Plant Breeding	3
36-14-353	Principles of Vegetable Crop Production	2
36-22-411	General Ecology	3
36-28-223	Plant Pathology	3
36-12-224	Principles and Methods of Irrigation	3
36-22-329	Experimental Designs in Agriculture I	3
36-14-360	Turfgrass and Cover Plants	2
Semester VI (Spring)		
36-22-327	Field-Work Training	3
36-14-355	Vegetable Crops	4

DEPARTMENT OF HORTICULTURAL SCIENCE

36-14-335	Temperate Zone Pomology	4
36-14-445	Floriculture	4
-	Elective courses	
Semester VII (Fall)		
36-14-470	Principles of Plant Tissue Culture and Biotechnology	3
36-30-226	General Farm Machinery	3
36-14-442	Horticultural Project	2
36-14-469	Tropical and Subtropical Fruits	4
36-14-467	Ornamental Trees and Shrubs	3
36-14-439	Postharvest Physiology	3
Semester VIII (Spring)		
36-14-443	Flower & Vegetable Breeding + Seed Production	3
36-26-230	Principles of Food Processing	3
36-14-475	Landscape and Park Design	3
36-14-443	Small Fruits	3
-	General Courses	2
Elective Courses		
36-14-475	Landscape Design	3
-	Special Issue in Horticulture	1
36-28-451	Major Fruit Trees Pests	3
36-28-453	Major Fruit Trees Diseases	3
36-28-460	Major Pests and Diseases of ornamental and vegetable crops	3
36-20-447	Soil/Water and Plant Relation	3
36-18-221	Agricultural Economics	3
36-18-335	Principles of Agricultural Education	3
36-14-469	Tropical and Subtropical Fruits	4
36-22-343	Weeds and Weed Control	3
36-20-341	Soil Fertility and Fertilizers	3
36-20-456	Plant Nutrition	3
36-24-435	Honey Bee Growing	2
36-14-360	Turfgrass and Cover Plants	2
36-14-490	Horticultural Training	2