

Dr. Y.S.R.Horticultural University

Courses offered in different Semesters for B.Sc. (Hons.) Horticulture Degree Programme

Semester - I

1	FRSC – 1.1.1	Fundamentals of Horticulture	3 (2+1)
2	FCLC -1.3.1	Principles of Land Landscape gardening	1 (0+1)
3	PHTH-1.5.1	Fundamentals of Food Technology	2 (1+1)
4	PATH-1.7.1	Fundamentals of Plant Pathology	3 (2+1)
5	GPBR -1.8.1	Principles of Genetics & Cytogenetics	3 (2+1)
6	PPBM 1.10.1	Introductory Crop Physiology	2 (1+1)
7	PPBM –1.10.2	Introductory Microbiology	2 (1+1)
8	ESSS –1.11.1	Introductory Economics	2 (2+0)
9	HESS –1.11.2	Structural Grammar and Spoken English	2 (1+1)
		Total:	20 (12+8)

Semester - II

1	FRSC - 1.1.2	Plant propagation and Nursery Management	2 (1+1)
2	FRSC – 1.1.3	Tropical and Sub-Tropical fruits	3 (2+1)
3	VGSC – 1.2.1	Tropical and Sub-Tropical Vegetables	3 (2+1)
4	ENTO-1.6.1	Fundamentals of Entomology	3 (2+1)
5	PATH-1.7.2	Mushroom Culture	1 (0+1)
6	ASSC-1.9.1	Fundamentals of Soil Science	2 (1+1)
7	ASSC – 1.9.2	Weed Management in Horticultural Crops	2 (1+1)
8	PPBM – 1.10.3	Growth and Development of Horticultural crops	2 (1+1)
9	HEES –1.12.1	Environmental Science	2 (1+1)
		Total:	20 (11+9)

Semester - III

1	FRSC – 2.1.1	Temperate fruits	2 (1+1)
2	VGSC - 2.2.1	Temperate Vegetables, Potato and Tuber Crops	3 (2+1)
3	ENTO –2.6.1	Nematode Pests of Horticultural Crops and their Management	1 (0+1)
4	PATH -2.7.1	Diseases of Fruit, Plantation, Medicinal and Aromatic Crops	3 (2+1)
5	GPBR -2.8.1	Principles of Plant Breeding	3 (2+1)
6	ASSC – 2.9.1	Soil fertility, Soil Chemistry and Soil taxonomy	3 (2+1)
7	ESSS -2.11.1	Elementary Statistics and Computer applications	3 (2+1)
8	HEES – 2.12.1	Farm power and Machinery	3 (2+1)

		Total:	21 (13+8)

Semester - IV

1	FRSC – 2.1.2	Orchard Management	2 (1+1)
2	FCLC – 2.3.1	Ornamental Horticulture	3 (2+1)
3	SPMA – 2.4.1	Spices and Condiments	3 (2+1)
4	SPMA – 2.4.2	Plantation Crops	3 (2+1)
5	ENTO – 2.6.2	Insect pests of Fruits, Plantations, Medicinal and Aromatic Crops	3 (2+1)
6	GPBR – 2.8.2	Breeding of Fruit, Plantation and Ornamental Crops	3 (2+1)
7	ASSC – 2.9.2	Organic farming in Horticulture	2 (1+1)
8	PPBM – 2.10.1	Elementary Plant Biochemistry	3 (2+1)
		Total:	22 (14+8)

Semester - V

1	SPMA – 3.4.1	Medicinal and Aromatic Crops	3 (2+1)
2	PHTH – 3.5.1	Post-Harvest Management of Horticultural Crops	3 (2+1)
3	ENTO – 3.6.1	Insect pests of Vegetables, Ornamentals and Spice Crops	2 (1+1)
4	PATH – 3.7.1	Diseases of Vegetables, Ornamentals and Spice Crops	3 (2+1)
5	GPBR – 3.8.1	Breeding of Vegetables, Tubers and Spice crops	3 (2+1)
6	ASSC – 3.9.1	Introduction to Major field crops	2 (1+1)
7	ASSC – 3.9.2	Fertilizers, Manures and Nutrient Management	1 (0+1)
8	ASSC – 3.9.3	Introduction to Meteorology and Water management in Horticultural Crops	3 (2+1)
9	ESSS – 3.11.1	Fundamentals of Extension Education	2 (1+1)
		Total:	22 (13+9)

Semester - VI

1	VGSC – 3.2.1	Seed production of Vegetables, Tuber and Spice Crops	3 (2+1)
2	FCLC – 3.3.1	Commercial Floriculture	3 (2+1)
3	PHTH – 3.5.2	Processing of Horticultural Crops	3 (1+2)
4	ENTO –3.6.2	Apiculture, Sericulture, Lac culture.	3 (2+1)

5	GPBR – 3.8.2	Biotechnology and Seed production of Ornamental plants	3 (2+1)
6	GPBR – 3.8.3	Seed production and Seed Certification in Horticultural Crops	3 (2+1)
7	ASSC – 3.9.4	Introductory to Agro-forestry	2 (1+1)
8	ESSS – 3.11.2	Horti- Business Management	2 (2+0)
9	ESSS – 3.11.3	Entrepreneurship Development and Communication skills	2 (1+1)
		Total:	24 (15+9)

Semester - VII

1	Experiential learning + RHWEP 14 Weeks + 3 Weeks	18(4+14)	17 weeks
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Semester - VIII

1	Experiential learning + RHWEP 14 Weeks + 3 Weeks	18(4+14)	17 weeks
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