

M.Sc. in Horticulture

| First Semester | | | |
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| Course No. | Course Title | Credits | Option |
| CS 5132 | Sustainable Garden Management | 2 | Compulsory |
| CS 5133 | Plant Nutrient Management in Horticultural Crops | 2 | Compulsory |
| CS 5108 | Fruit Crop Management | 2 | Compulsory |
| CS 5109 | Olericulture (Vegetable Crop Culture) | 2 | Compulsory |
| CS 5107 | Protected Culture | 2 | Elective |
| CS 5119 | Landscape Horticulture | 3 | Elective |
| CS 5120 | Commercial Nursery Management | 2 | Elective |
| CS 5122 | Plant Growth Regulators | 2 | Elective |
| CS 5123 | Plant Tissue Culture | 2 | Elective |
| CS 5134 | Propagation Techniques for Horticultural Crops | 2 | Elective |
| CS 5135 | Horticulture in the Temperate Region | 2 | Elective |
| CS 5136 | Value Addition for Horticultural Produce | 1 | Elective |
| EC 5104 | Agricultural Marketing | 2 | Elective |
| AB 5108 | Principles of Plant Breeding | 2 | Elective |
| AB 5118 | Principles of Post-harvest Biology and Technology | 2 | Elective |
| Second Semester | | | |
| CS 5232 | Physiological Basis of Horticultural Crop Production | 2 | Compulsory |
| CS 5233 | Bioactive compounds in Fruits and Vegetables | 1 | Compulsory |
| CS 5234 | Directed Study in Horticulture | 2 | Compulsory |
| PP 5259 | Insect Pest Management in Horticultural Crops | 2 | Compulsory |
| CS 5206 | Post-harvest Physiology and Management of Horticultural Crops | 2 | Compulsory |
| CS 5222 | Commercial Floriculture | 3 | Compulsory |
| CS 5235 | Entrepreneurship Developments in Horticulture | 1 | Elective |
| CS 5236 | Biotechnology in Horticultural Crops | 2 | Elective |
| CS 5202 | Weed Control | 2 | Elective |
| CS 5212 | Scientific Writing and Proposal Formulation | 2 | Elective |
| CS 5216 | Urban Forestry and Arboriculture | 2 | Elective |
| CS 5223 | Indoor Gardening for Interior Decorations | 2 | Elective |
| CS 5226 | Advanced Greenhouse Production and Technology | 2 | Elective |
| ST 5202 | Design and Analysis of Experiments | 2 | Elective |
| SS 6201 | Techniques for Efficient Plant Nutrient Management | 2 | Elective |
| PP 5254 | Disease Management in Floricultural Crops | 2 | Elective |
| AB 5217 | Breeding Strategies of Economic Crops | 2 | Elective |