

M.Sc. in Plantation Crop Management

List of Courses:

| <i>Code</i> | <i>Title</i> | <i>Credits</i> | <i>Option</i> |
|-----------------------------------|--|----------------|---------------|
| First Semester | | | |
| CS 5137 | Agronomy of Plantation Crop Practices | 2 | Compulsory |
| CS 5112 | Plantation Forestry and Environment | 2 | Compulsory |
| CS 5130* | Cultivation and Processing of Plantation Crops | 3 | Compulsory |
| CS 5138 | Plantation Crop and Forestry Sector Policy and Legislation | 1 | Compulsory |
| EX 5113 | Human Resource Management in the Plantation Sector | 1 | Compulsory |
| AB 5108 | Principles of Plant Breeding | 2 | Compulsory |
| CS 5114 | Biodiversity | 2 | Elective |
| CS 5110 | Forest Ecology | 2 | Elective |
| CS 5111 | Principles of Agroforestry | 2 | Elective |
| Second Semester | | | |
| CS 5238 | Yield Physiology of Plantation Crops | 2 | Compulsory |
| PP 5260 | Advances in Plant Protection Methods for Plantation Crops and Forest Species | 1 | Compulsory |
| CS 5239 | Processing and Value Addition of Plantation Crop Products | 2 | Compulsory |
| SS 5209 | Land Use Planning | 2 | Compulsory |
| CS 5240 | Plantation Crop Improvement | 2 | Compulsory |
| CS 5298 | Directed Study | 5 | Compulsory |
| EC 5237 | Agricultural Value Chain Management | 1 | Elective |
| CS 5208 | Organic Crop Production | 2 | Elective |
| CS 5212 | Scientific Writing and Proposal Formulation | 2 | Elective |
| ST 5253 | Crop and Animal Experimentation | 3 | Elective |
| CS 5215 | Ecological Interactions of Trees and Crops | 2 | Elective |
| CS 5216 | Urban Forestry and Arboriculture | 2 | Elective |
| Second Year First Semester | | | |
| CS 5139 | Climate Change Adaptation, Mitigation and Carbon Trading | 1 | Compulsory |
| CS 5140 | Quality Assurance in Plantation Crop Industry | 1 | Compulsory |
| CS 5141 | Emerging Trends in the Plantation Industry | 1 | Compulsory |
| CS 5142 | Industrial Training | 2 | Compulsory |
| CS 5143 | Disaster Risk Reduction Through Ecological Approaches | 1 | Compulsory |
| AE 6106 | Innovative Technologies for Mechanization in Plantation Industry | 1 | Compulsory |
| EC 5107 | Project Analysis | 2 | Elective |
| CS 5144 | Integrated Plantation Crops-Other Crops-Animal-Fish Based Farming Systems | 1 | Elective |
| CS 5117 | Economics of Environmental Forestry | 2 | Elective |
| CS 5123 | Plant Tissue Culture – Micropropagation | 2 | Elective |
| CS 5104 | Advanced Horticulture | 2 | Elective |
| SS 5104 | Plant Nutrition | 2 | Elective |