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| ***Code*** | ***Title*** | ***Credits*** | ***Option*** |
| First Semester | | | |
| SS 5106 | Environmental Pollution and Control | 2 | Compulsory |
| SS 5107 | Formation and Characteristics of Tropical Soils | 2 | Compulsory |
| SS 5153 | Soil Morphology and Classification | 2 | Compulsory |
| SS 5198 | Directed Study | 2 | Compulsory |
| SS 5199 | Seminar | 1 | Compulsory |
| SS 5105 | Introduction to Tropical Soils | 1 | Elective |
| SS 5114 | Digital Soil Mapping | 2 | Elective |
| SS 5151 | Management of Soil Organic Matter | 2 | Elective |
| SS 5152 | Techniques in Soil, Plant, Water & Fertilizer Analysis | 3 | Elective |
| SS 6101 | Tracer Techniques in Soil and Plant Studies | 2 | Elective |
| ST 5155 | Design and Analysis of Experiments | 2 | Elective |
| Second Semester | | | |
| SS 5198 | Directed Study | 2 | Compulsory |
| SS 5199 | Seminar | 1 | Compulsory |
| SS 5201 | Soil Fertility and Fertilizers | 3 | Compulsory |
| SS 5203 | Degradation and Conservation of Tropical Soils | 2 | Compulsory |
| SS 5204 | Management of Tropical Uplands | 1 | Compulsory |
| SS 5205 | Management of Tropical Wetlands | 1 | Compulsory |
| SS 5209 | Land Use Planning | 2 | Compulsory |
| SS 5202 | Advanced Plant Nutrition | 2 | Elective |
| SS 5206 | Social and legal Aspects of Land Management | 2 | Elective |
| SS 5207 | Reclamation & Management of Problem Soils in Sri Lanka | 2 | Elective |
| SS 5208 | Field Characterization of Soils | 2 | Elective |
| SS 6201 | Techniques for Efficient Plant Nutrient Management | 2 | Elective |
| SS 6202 | Environmental Soil Mineralogy | 2 | Elective |
| SS 6205 | Advanced Instrumentation in Environmental Research | 2 | Elective |
| SS 6207 | Applications of digital soil mapping | 2 | Elective |
| CS 5204 | Crop Management Techniques | 3 | Elective |
| CS 5208 | Organic Crop Production | 2 | Elective |
| CS 5212 | Scientific Writing and Proposal Formulation | 2 | Elective |