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| ***Code*** | ***Title*** | ***Credits*** | ***Option*** |
| First Semester | | | |
| CS 5101\* | Principles of Crop Production | 3 | Prerequisite |
| CS 5102 | Plant Water Relationships I | 2 | Compulsory |
| CS 5103 | Weed Biology | 2 | Compulsory |
| CS 5104 | Advanced Horticulture | 2 | Compulsory |
| CS 5105 | Crop Physiology | 3 | Compulsory |
| CS 5131\*\* | Tropical Field Crop Production | 3 | Compulsory |
| CS 5106 | Seed Physiology and Technology | 2 | Elective |
| CS 5107 | Protected Culture | 2 | Elective |
| CS 5108 | Fruit Crop Management | 2 | Elective |
| CS 5109 | Olericulture (Vegetable Crop Culture) | 2 | Elective |
| CS 5110 | Forest Ecology | 2 | Elective |
| CS 5111 | Agroforestry | 2 | Elective |
| CS 5112 | Plantation Forestry and Environment | 2 | Elective |
| CS 5120 | Commercial Nursery Management | 2 | Elective |
| SS 5151 | Management of Soil Organic Matter | 2 | Elective |
| ST 5155 | Design and Analysis of Experiments | 2 | Elective |
| Second Semester | | | |
| CS 5202 | Weed Control | 2 | Compulsory |
| CS 5203 | Climate Change and Crop Production | 3 | Compulsory |
| CS 5204 | Crop Management Techniques | 3 | Compulsory |
| CS 5201 | Crop Ecology | 2 | Elective |
| CS 5206 | Postharvest Physiology and Management of  Horticultural Produce | 2 | Elective |

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| CS 5207 | Physiology of Cereal Production | 2 | Elective |
| CS 5208 | Organic Crop Production | 2 | Elective |
| CS 5209 | Plant Water Relationships II | 2 | Elective |
| CS 5211 | Tree Crop Physiology | 2 | Elective |
| CS 5212 | Scientific Writing and Proposal Formulation | 2 | Elective |
| CS 5231 | Crop Simulation Modelling | 2 | Elective |
| CS 5298 | Directed Study and Seminar | 2 | Elective |
| ST 5253 | Crop Experimentation | 1 | Elective |
| SS 5201 | Soil Fertility and Fertilizers | 3 | Elective |