|  |  |  |  |
| --- | --- | --- | --- |
| ***Code*** | ***Title*** | ***Credits*** | ***Option*** |
| First Semester |
| CS 5110 | Forest Ecology | 2 | Compulsory |
| CS 5111 | Agroforestry  | 2 | Compulsory |
| CS 5112 | Plantation Forestry and Environment | 2 | Compulsory |
| CS 5113 | Forest Influences on Soil, Water and Climate  | 2 | Compulsory |
| CS 5114 | Biodiversity | 2 | Compulsory |
| CS 5115 | Policy and Legislation Related to Forestry and Environment | 1 | Compulsory |
| CS 5117 | Economics of Environmental Forestry | 2 | Compulsory |
| CS 5116 | Forest Systematics | 2 | Elective |
| CS 5118 | Forest Products and Utilization | 1 | Elective |
| AE 5152 | Environmental Impact Assessment  | 2 | Elective |
| SS 5106 | Environmental Pollution and Control | 2 | Elective |
| Second Semester |
| CS 5213 | Participatory Forest Management | 2 | Compulsory |
| CS 5214 | Natural Forest Management | 2 | Compulsory |
| CS 5215 | Ecological Interaction of Trees and Crops | 2 | Compulsory |
| CS 5216 | Urban Forestry and Arboriculture | 2 | Compulsory |
| CS 5203 | Climate Change and Crop Production | 3 | Elective |

|  |  |  |  |
| --- | --- | --- | --- |
| CS 5211 | Tree Crop Physiology | 2 | Elective |
| CS 5212 | Scientific Writing and Proposal Formulation | 2 | Elective |
| CS 5217 | Forest Tree improvement and Genetic Conservation | 2 | Elective |
| CS 5218 | Quantitative Techniques in Forestry | 2 | Elective |
| CS 5219 | Advances in Agroforestry | 1 | Elective |
| CS 5220 | Forest Growth Modeling | 2 | Elective |
| CS 5298 | Directed Study and Seminar | 2 | Elective |
| AE 5209 | GIS for Natural Resources Management | 2 | Elective |
| AS 5222 | Wildlife Environment | 3 | Elective |
| PP 5253 | Insect Pests and Diseases of Forests | 2 | Elective |