|  |  |  |  |
| --- | --- | --- | --- |
| ***Code*** | ***Title*** | ***Credits*** | ***Option*** |
| First Semester | | | |
| PP 5102 | Plant Pathology | 2 | Compulsory |
| PP 5103 | Insect Morphology | 3 | Compulsory |
| PP 5106 | Pesticide Toxicology | 2 | Compulsory |
| PP 5107 | Pesticide Technology | 1 | Compulsory |
| PP 5197 | Practicum in Plant Protection Technology | 2 | Compulsory |
| PP 5198 | Directed Study | 2 | Compulsory |
| PP 5101 | General Microbiology | 2 | Elective |
| PP 5104 | Insect Physiology | 2 | Elective |
| PP 5105 | Clinical Plant Pathology | 2 | Elective |
| PP 5151 | Plant Molecular Biology | 2 | Elective |
| PP 5152 | Indigenous Technology for Plant Protection | 2 | Elective |
| PP 5153 | Soil Borne Pathogens and Root Diseases | 2 | Elective |
| PP 5154 | Epidemiology | 2 | Elective |
| PP 5158 | Methods of Invertebrate Ecology | 2 | Elective |
| PP 5199 | Seminar | 1 | Elective |
| CS 5103 | Weed Biology | 2 | Elective |
| SS 5106 | Environmental Pollution and Control | 2 | Elective |
| Second Semester | | | |
| PP 5202 | Insect Ecology and Behaviour | 2 | Compulsory |
| PP 5204 | Biological Control of Agricultural Pests | 2 | Compulsory |
| PP 5210 | Acarology | 2 | Compulsory |
| PP 5201 | Insect Systematics and Identification | 2 | Elective |
| PP 5203 | Nematology | 2 | Elective |
| PP 5206 | Integrated Pest Management | 2 | Elective |
| PP 5207 | Plant Resistance to Insect Pests | 2 | Elective |
| PP 5208 | Molecular Diagnostic for Plant Protection | 2 | Elective |
| PP 5209 | Postharvest Protection | 2 | Elective |
| PP 5214 | Molecular Plant Microbial Interactions | 2 | Elective |
| PP 5251 | Insect Toxins and Insect Transmission of Plant disease | 2 | Elective |
| PP 5252 | Molecular Virology | 2 | Elective |
| PP 5253 | Insect pests and Diseases of Forests | 2 | Elective |
| PP 5254 | Disease Management in Floricultural Crops | 2 | Elective |
| PP 5255 | Insect Pathology and Microbial Control of  Insect Pests | 2 | Elective |
| PP 5256 | Techniques and Strategies in Plant Molecular Biology | 3 | Elective |
| PP 5259 | Insect Pest Management in Horticultural Crops | 2 | Elective |
| CS 5202 | Weed Control | 2 | Elective |