

## M.Sc. in Plant Protection Technology

| 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   |