

### Courses Offered for M.Sc. Ag. (Plant Pathology)

| 1 <sup>st</sup> Semester   | 2 <sup>nd</sup> semester   |
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| PL PATH 501* (2+1) Mycology  | PL PATH 502* (2+1) Plant Virology                                      |
| PL PATH 505* (2+1) Principles of Plant Pathology                           | PL PATH 503* (2+1) Plant Pathogenic Prokaryotes                        |
| PL PATH 506* (0+2) Techniques in Detection and Diagnosis of Plant Diseases | PL PATH 504* (2+1) Plant Nematology                                    |
| PL PATH 507 (2+1) Principles of Plant Disease Management                   | PL PATH 509 (2+0) Disease Resistance in Plants                         |
| PL PATH 508 (1+0) Epidemiology and Forecasting of Plant Diseases           | PL PATH 510 (1+1) Ecology of Soil-borne Plant Pathogens                |
| PL PATH 513 (1+1) Biological Control of Plant Diseases                     | PL PATH 511 (2+1) Chemicals and Botanicals in Plant Disease Management |
| PL PATH 515* (2+1) Diseases of Field and Medicinal Crops                   | PL PATH 512 (2+1) Detection and Management of Seed Borne Pathogens     |
| PL PATH 518 (2+1) Post Harvest Diseases                                    | PL PATH 514 (2+1) Integrated Disease Management                        |
| PL PATH 519 (1+0) Plant Quarantine and Regulatory Measures                 | PL PATH 516 (2+1) Diseases of Fruits, Plantation and Ornamental Crops  |
| PL PATH 520 (2+1) Mushroom Production Technology                           | PL PATH 517 (2+1) Diseases of Vegetable and Spices Crops               |
| PL PATH 591 (0+1) Master's Seminar   | PL PATH 591 (0+1) Master's Seminar                                     |
| PL PATH 521 (0+30) Master's Research                                       | PL PATH 521 (0+30) Master's Research                                   |

### Courses Offered for Ph.D. Plant Pathology

| 1 <sup>st</sup> Semester                                     | 2 <sup>nd</sup> semester  |
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| PL PATH 602 (2+1) Advances in Virology                       | PL PATH 601 (2+1) Advances in Mycology                          |
| PL PATH 603 (2+1) Advances in Plant Pathogenic Prokaryotes   | PL PATH 604* (2+1) Molecular Basis of Host-pathogen Interaction |
| PL PATH 605 (1+0) Principles and Procedures of Certification | PL PATH 691 (0+1) Doctoral Seminar – I                          |
| PL PATH 606 (2+0) Plant Biosecurity and Biosafety            | PL PATH 692 (0+1) Doctoral Seminar – II                         |
| PL PATH 691 (0+1) Doctoral Seminar – I                       | PL PATH 699 (0+75) Doctoral Research                            |
| PL PATH 692 (0+1) Doctoral                                   |   |

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| Seminar – II                         |  |
| PL PATH 699 (0+75) Doctoral Research |  |