

## Environmental Sciences

| Course Code          | Course Name  | Credit-L | Credit-P |
|----------------------|--|----------|----------|
| <b>I-SEMESTER</b>    |  |          |          |
| ES 501*              | INTRODUCTION TO ENVIRONMENTAL SCIENCES                       | 2        | 1        |
| ES 502*              | ENVIRONMENTAL CHEMISTRY                                      | 2        | 1        |
| ES 503*/ PP 605      | CLIMATE CHANGE AND CLIMATE SMART AGRICULTURE                 | 2        | 1        |
| ES 504*              | INSTRUMENTAL METHODS FOR ENVIRONMENTAL MONITORING            | 2        | 1        |
| ES 506               | ENVIRONMENTAL POLLUTION                                      | 2        | 1        |
| ES 591               | MASTER'S SEMINAR   | 1        | 0        |
| ES 601**             | ANALYSIS OF AGROECOSYSTEM                                    | 2        | 1        |
| ES 602**             | ENVIRONMENTAL IMPACT ASSESSMENT                              | 2        | 1        |
| ES 603               | WASTE MANAGEMENT   | 2        | 1        |
| ES 604               | CROP GEOGRAPHY AND ECOLOGY                                   | 2        | 1        |
| ES 691               | DOCTORAL SEMINAR I   | 1        | 0        |
| ES 692               | DOCTORAL SEMINAR II  | 1        | 0        |
| <b>II-SEMESTER</b>   |  |          |          |
| ES 505               | ENVIRONMENTAL ENGINEERING                                    | 2        | 1        |
| ES 507               | ENVIRONMENTAL MICROBIOLOGY AND ECOLOGY                       | 2        | 1        |
| ES 508               | BIOFUELS AND ENVIRONMENTAL PROTECTION                        | 2        | 1        |
| ES 509               | ENVIRONMENTAL TOXICOLOGY                                     | 2        | 1        |
| ES 510/<br>AGRON 510 | AGROSTOLOGY AND AGROFORESTRY                                 | 2        | 1        |
| ES 511               | ENVIRONMENTAL GEOSCIENCES                                    | 2        | 0        |
| ES 591               | MASTER'S SEMINAR   | 1        | 0        |
| ES 605               | BIODIVERSITY   | 2        | 1        |
| ES 606/ SWE 606      | PLANT GROWTH MODELING AND SIMULATION OF ECOLOGICAL PROCESSES | 2        | 1        |
| ES 607               | INTRODUCTION TO ENVIRONMENT LAW AND POLICY                   | 2        | 1        |
| ES 691               | DOCTORAL SEMINAR I   | 1        | 0        |
| ES 692               | DOCTORAL SEMINAR II  | 1        | 0        |

### Core Courses:

**M.Sc. :** ES 501, ES 502, ES 503, ES 504

**Ph.D. :** ES 601, ES 602

\*\*Compulsory for Doctoral programme : ES 601, ES 602