

## Agronomy

| Course                        |  | Hours/Week |           | Credit Hours | Pre request |
|-------------------------------|--|------------|-----------|--------------|-------------|
| Code                          | Title  | Lecture    | Practical |              |             |
| <b>MSc Compulsory Courses</b> |  |            |           |              |             |
| 08702                         | Field Crops Physiology                               | 2          | 2         | 3            |             |
| 08703                         | Design & Analysis of Agricultural Experiments        | 2          | 2         | 3            |             |
| 08704                         | Chemical & Physical Methods of Agriculture & Biology | 2          | 2         | 3            |             |
| 08701                         | Seminars   | 1          | -         | 1            |             |
| <b>PhD Compulsory Courses</b> |  |            |           |              |             |
| 08805                         | Advanced Experimental Design                         | 2          | 2         | 3            |             |
| 08806                         | Regression & Correlation Analysis                    | 2          | 2         | 3            |             |
| 08807                         | Genetic Engineering & Crop Improvement               | 2          | 2         | 3            |             |
| 08801                         | Seminars   | 1          | -         | 1            |             |
| <b>Optional Courses</b>       |  |            |           |              |             |
| 08700                         | Scientific Research & Writing                        | 2          | -         | 2            |             |
| 08.08                         | Selected Topics                                      | 1          | -         | 1            |             |
| 08.09                         | Ecology  | 2          | 2         | 3            |             |
| 08.10                         | Advanced Ecology                                     | 2          | 2         | 3            | 08.09       |
| 08.11                         | Physiology of Environmental Stress of Crops          | 2          | 2         | 3            |             |
| 08.12                         | Crops Production in Arid & Semi arid Lands           | 2          | 2         | 3            |             |
| 08.13                         | Crops Installation & Intensification                 | 2          | 2         | 3            |             |
| 08.14                         | Production of Cereal Crops (Advanced)                | 2          | 2         | 3            |             |
| 08.15                         | Production of Cereal Pulses (Advanced)               | 2          | 2         | 3            |             |
| 08.16                         | Production of Sugar Crops (Advanced)                 | 2          | 2         | 3            |             |
| 08.17                         | Production of Oil Crops (Advanced)                   | 2          | 2         | 3            |             |
| 08.18                         | Production of Quality of Fiber Crops (Advanced)      | 2          | 2         | 3            |             |
| 08.19                         | Production Technology & Non-traditional Corps        | 2          | 2         | 3            |             |
| 08.20                         | Production of Crops Storage & Reduce Crops Losses    | 2          | 2         | 3            |             |
| 08.21                         | Cereal Crops Technology                              | 2          | 2         | 3            |             |
| 08.22                         | Fiber Crop Technology                                | 2          | 2         | 3            |             |
| 08.23                         | Management and Conservation of Natural Grassland     | 2          | 2         | 3            |             |
| 08.24                         | Differentiation and Weed Control                     | 2          | 2         | 3            |             |