

**DEPARTMENT OF SOIL SCIENCE**

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**Undergraduate Courses: B.SC. Program**

| Semester I (Fall)    |                                       |   |
|----------------------|---------------------------------------|---|
| 3622103              | Botany I (Plant Anatomy & Physiology) | 3 |
| 2010118              | Agriculture Physics                   | 2 |
| 2010119              | Agriculture Physics Lab               | 1 |
| 2010103              | General Chemistry                     | 3 |
| 3620101              | Geology                               | 3 |
| 3622101              | General Biology                       | 2 |
| Semester II (Spring) |                                       |   |
| 1914103              | General Calculus                      | 3 |
| 2112229              | Organic Chemistry                     | 3 |
| 9626203              | General Microbiology                  | 3 |
| 2510113              | General English                       | 3 |
| Semester III (Fall)  |                                       |   |
| 3622107              | Probability and Statistics            | 3 |
| 3626205              | Analytical Chemistry in Agriculture   | 3 |
| 3626201              | General Biochemistry                  | 3 |
| 3626222              | Introduction to Soil Science          | 3 |
| 3626122              | General Agronomy                      | 3 |
| 3618221              | Agricultural Economics                | 3 |
| Semester IV (Spring) |                                       |   |
| 3612224              | Irrigation                            | 3 |
| 3622225              | Meteorology and Climatology           | 3 |
| 3612221              | Surveying & Planimetry                | 3 |
| 3630226              | Farm Machinery                        | 3 |
| Semester V (fall)    |                                       |   |
| 3620337              | Soil Chemistry                        | 3 |

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| 3620341                | Soil Fertility and Fertilizer      | 3 |
| 3620339                | Soil Biology                       | 3 |
| 3614222                | Horticultural Science              | 3 |
| Semester VI (Spring)   |                                    |   |
| 3620436                | Saline and Sodic Soil              | 3 |
| 3620343                | Soil Physics                       | 3 |
| 3622327                | Field Work Training                | 3 |
| 3622411                | General Ecology                    | 3 |
| Semester VII (Fall)    |                                    |   |
| 3620450                | Soil Genesis and Classification    | 4 |
| 3620452                | Soil Science Project               | 2 |
| 3620453                | Soil Erosion and Conservation      | 3 |
| 3620456                | Plant Nutrition                    | 3 |
| 3620447                | Soil Water and Plant Relations     | 3 |
| Semester VIII (Spring) |                                    |   |
| 3612341                | Fundamentals of Prainage           | 2 |
| 3620460                | Soil and Land Evaluation           | 3 |
| 3622329                | Experiment Desing in Agriculture I | 3 |
| 3620458                | Soil Surveying                     | 3 |