**BACHELOR PROGRAM OF STUDY AGRICULTURE**

**1ST YEAR**

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| **SEMESTER I** |
| *Code*  | *Subject* | *Credits* |
| A.02.D.01 | Energy resources and agricultural machinery  | 5 |
| A.03.F.01 | Botany  | 5 |
| A.04.F.01 | Mathematics and statistics  | 4 |
| A.05.F.01 | Information technology  | 2 |
| A.06.D.01 | Pedology  | 5 |
| A.01.F.01 | Agrometeorology  | 5 |
| A.07.F.01 | Chemistry  | 4 |
| **SEMESTER II** |
| A.08.F.02 | Microbiology  | 4 |
| A.13.F.02 | Topography and drafting  | 5 |
| A.12.D.02 | Pedology  | 4 |
| A.11. F.02 | Biochemistry  | 4 |
| A.10.F.02 | Botany  | 4 |
| A.09.D.02 | Energy resources and agricultural machinery  | 4 |

**2ND YEAR**

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| **SEMESTER I** |
| *Code*  | *Subject* | *Credits* |
| A.01.D.03 | Agrotechnics  | 5 |
| A.05.D.03 | Energy resources and agricultural machinery [ | 2 |
| A.06.D.03 | Agrochemistry  | 5 |
| A.04.D.03 | Land improvement(ex.+pr.)  | 6 |
| A.03.F.03 | Plant physiology  | 5 |
| A.02.D.03 | Land planning  | 2 |
| **SEMESTER II** |
| A.07.D.04 | Agricultural systems  | 4 |
| A.13.D.04 | Agrotechnics  | 3 |
| A.12.D.04 | Agrochemistry  | 4 |
| A.10.F.04 | Genetics  | 4 |
| A.09.F.04 | Ecology and environmental protection  | 3 |
| A.08.D.04 | Experimental technique  | 2 |
| A.26.Fa.04 | Professional communication  | 3 |

**3RD YEAR**

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| **SEMESTER I** |
| *Code*  | *Subject* | *Credits* |
| A.01.D.05 | Entomology  | 4 |
| A.07.S.05 | Phytotechnics  | 6 |
| A.06.S.05 | Grassland and fodder crop culture  | 5 |
| A.05.D.05 | Phytopathology  | 4 |
| A.04.S.05 | Crop irrigation  | 5 |
| A.03.S.05 | Agricultural land assessment  | 2 |
| A.02.D.05 | General animal husbandry  | 2 |
| **SEMESTER II** |
| A.08.D.06 | Entomology  | 4 |
| A.14.D.06 | Animal nutrition  | 2 |
| A.13.S.06 | Plant breeding  | 3 |
| A.11.S.06 | Grassland and fodder crop  | 4 |
| A.10.D.06 | Phytopathology  | 4 |
| A.09.S.06 | Phytotechnics  | 4 |
| A.12.C.06 | Rural development  | 3 |

**4TH YEAR**

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| **SEMESTER I** |
| *Code*  | *Subject* | *Credits* |
| A.01.S.07 | Phytotechnics and industrial plants  | 6 |
| A.06.S.07 | Viticulture | 5 |
| A.05.D.07 | Conditioning and preservation of agricultural products  | 5 |
| A.04.D.07 | Management  | 3 |
| A.03.D.07 | Accountancy and economic management  | 3 |
| A.02.C.07 | Agricultural law and legislation  | 3 |
| **SEMESTER II** |
| A.07.S.08 | Phytotechnics and industrial plants  | 5 |
| A.11.S.08 | Vegetable farming  | 4 |
| A.10.S.08 | Medicinal and aromatic plants  | 4 |
| A.09.D.08 | Ecological agriculture  | 4 |
| A.08.S.08 | Pomology  | 4 |