

B.SC. AGRICULTURE (4 YEARS COURSES)

SEMESTER WISE DETAILED LAYOUT OF COURSES

Semester – I

- Elementary Statistics
- Agriculture Meteorology
- Computer Application
- Str. & Spoken English
- Elementary Agri./Elementary/Biology/Elementary Mathematics (Only one depending on subjects in10+2)
- Principles of Agronomy 2+1 35 15 25 75
- Rural Sociology & Educational Psychology

Semester – II

- Fundamentals of Soil Science
- Fundamentals of Horticulture
- Elementary Plant Biochemistry
- Weed Management
- Element of Genetics
- Introductory Entomology
- Introductory Plant Pathology
- Microbiology

Semester – III

- Vegetable Production
- Irrigation Water Management
- Principles of Plant Breeding & Breeding of Field Crops
- Soil Fertility and Nutrient Management
- Agri. Marketing and International Trade
- Field Crops I (Kharif) 2+1 35 15 25 75
- Crop Diseases and their Management

Semester – IV

- Economic Entomology
- Introduction to Plant Biotechnology
- Field Crops II (Rabi)
- Agriculture Co-operation, Finance and Busi. Mgt.
- Insect Pest and their Management
- Fruit and Plantation Crops
- Livestock Production
- Rain fed Agriculture

Semester – V

- Poultry Management
- Mushroom Cultivation
- Elementary Crop Physiology
- Farm Machinery and Power
- Farm Mgt. and Natural Resource Economics
- Fundamentals of Extension Education and Rural Development
- Post-Harvest Mgt. & Processing of Fruits and Vegetables
- Practical Crops Production – I

Semester – VI

- Farming System and Sustainable Agriculture
- Conservation and Management of soil and water resources
- Ornamental Horticulture
- Environmental Science
- Silviculture and Agro Forestry
- Seed Production and Processing Technology
- Practical Crops Production – II

Semester – VII

- General Economics
- Breeding and Improvement of Farm Animals
- Principles of Animal Nutrition
- Element of Food Technology
- Human Food and Nutrition
- Soil Taxonomy, Survey and remote sensing
- Production Technology of Medicinal and Aromatic Plants

Semester – VIII

- Rural Agriculture Work Experience