

**Program structure**  
**B.Sc.Agriculture (4 years)**

<b>B.Sc. Agriculture</b>	
<b>Semester I</b>	<b>Semester II</b>
Elementary Statistics	Fundamentals of Soil Science
Agriculture Meteorology	Fundamentals of Horticulture
Computer Application	Elementary Plant Biochemistry
Introductory Agriculture	Weed Management
Principles of Agronomy	Elements of Genetics
Rural Sociology & Educational Psychology	Introductory Entomology
Elementary Statistics	Introductory Plant Pathology
Str. & Spoken English	Microbiology
<b>Semester III</b>	<b>Semester IV</b>
Vegetable Production	Economic Entomology
Irrigation Water Management	Introduction to Plant Biotechnology
Principles of Plant Breeding	Field Crops II (Rabi)
Soil Fertility and Nutrient Management	Agriculture Co-operation, Finance and Busi. Mgt.
Principles of Economics	Insect Pest and their Management
Field Crops I (Kharif)	Fruit and Plantation Crops
Crop Diseases and their Management	Livestock Production
	Rainfed Agriculture

<b>Semester V</b>	<b>Semester VI</b>
Agri. Marketing and International Trade	Farming System and Sustainable Agriculture
Introductory Nematology	Conservation and Management of soil and water resources
Elementary Crop Physiology	Ornamental Horticulture
Production Technology of Medicinal and Aromatic Plants	Environmental Science
Farm Management	Silviculture and Agro Forestry
Fundamentals of Extension Education and Rural Development	Seed Production and Processing Technology
Post Harvest Mgt. & Processing of Fruits and Vegetables	Practical Crops Production – II
Practical Crops Production – I	Farm Power and Machinery
Manures, Fertilizers and Agrochemicals	
<b>Semester VII</b>	<b>Semester VIII</b>
RAWE (Rural Agricultural Work Experience)  Includes Field visits to Rural Areas, Industries, NGO's, Farmer's Field etc.)	Experiential Learning (Crop Production, Crop Protection, Genetics & Plant Breeding, Horticulture)

## Teaching Pedagogy

The B.Sc Agriculture program is split into eight semesters where the students are required to complete campus based course work in seven semesters and six months

RAWE program outside the campus. During the entire degree program the pedagogy includes

- Classroom teaching and Laboratory Exercises involving PPTs, Seminars, Case Study etc.
- Field Tours to Scientific Institutions and Research Units.
- Guest lectures by Eminent Agricultural Scientists.
- Practical Crop Production on the concept of “Learning by Doing”
- Continuous Internal Evaluation .