

Course Structure - B.Sc. Forestry

Eligibility

Must have passed 10+2 (Science stream) with 50 % (Science stream)

Semester 1

- Fundamentals of Geology and Soil Science
- Plant Biochemistry and Biotechnology
- Introductory Botany
- Basic Mathematics
- Principles of Plant physiology
- Structural Grammar and Spoken English (NC)
- Elementary Statistic and Computer Application
- Chemistry and Fertility of Soils

Semester 2

- Ethnobotany
- Fundamentals of Horticulture
- Fundamental of Extension Education
- Agrometeorology
- Medicinal and Aromatic Plants

Semester 3

- Forest Engineering & Survey
- Wood Anatomy
- Logging and Ergonomics
- Soil Survey, Remote Sensing & Watershed Development
- Forest Mensuration
- Introductory Forest Economics
- Tree Physiology
- Tree Seed Technology

Semester 4

- Principles and Practices of Silviculture
- Wood Science and Technology
- Wood Products & Utilization
- Silviculture of Indian Trees
- Nursery Management & Commercial Forestry
- Fundamentals of Wild Life
- Forest Pathology
- Forest Ecology, Biodiversity & Conservation

Semester 5

- Fundamental Forest Business Managements
- Dendrology
- Rangeland Management
- Silvicultural Systems
- Plantation Forestry
- World Forestry Systems
- Wild life Management
- Experimental techniques in Forestry
- Tribalogy and Anthropology

Semester 6

- Forest Management, Policy and Legislation
- Principles and Methods of Tree Improvement
- Utilization of Non-timber Forest Products
- Agroforestry Systems and Management
- Forest Entomology and Nematology
- Entrepreneurship Development and Communication Skills
- Marketing and Trade of Forest Produce
- Principles of Forest Economics,
- Project Planning and Evaluation

Semester 7 & 8

- Project work