

An aerial photograph of a vast forest during autumn. The trees are in various stages of color change, from deep green to bright yellow and orange. A large, calm lake is visible in the upper portion of the image, with a layer of white mist or fog rising from its surface and partially obscuring the forest behind it. The overall scene is serene and scenic.

Forestry as a Career?

Forestry as a Career!

It starts with a four-year university degree.

There are also two-year degree programs.

Forestry Major (an example)

Major study and approved electives to total 133 credits.

Core Forestry Courses (58 credits)

Elective Forestry Courses (50 credits)

General Degree Requirements (50-56 credits)

Note: Credits add up to more than 133.

Many times courses within a major also meet general degree requirements.

Areas of Study

Biology
Chemistry
Communications
Economics
Forestry
Mathematics

Natural Resources
Paper Science
Philosophy
Soil Resources
Water Resources
Wildlife Resources

Forestry Emphases

Forestry is a broad field where special emphases can be earned at the undergraduate level. Each emphasis has different set of electives, but usually the “core” courses are the same. Some of these emphases are:

- Forest Management
- Urban Forestry
- Forest Recreation
- Forest Administration
- Forest Utilization
- Ecosystem Restoration
- Wood Science
- Forest Conservation

Core Forestry Courses, 58 credits

Forestry

Biometry
Mensuration
Forest Protection
Ecosystem Ecology
Management & Finance
Silviculture

Natural Resources

People, Resources, Biosphere
Ecological Basis of NR Mngt.
Fish, Forestry, & Wildlife
Soil & Water Resources
Resource Economics
Natural Resource Seminars

Core Forestry Courses, 58 credits (continued)

Summer Camp

Land Surveying

Forest Measurement-Field Experience

Selected Topics

Soil Conservation & Watershed Inventory

Soil Inventory Methods

Aquatic Ecosystem Evaluation

Wildlife Mngt. Techniques

Environmental Study in Europe

Core Forestry Courses, 58 credits (continued)

Other Courses

Plant Biology

Computer Information Systems

Macroeconomics

Environmental Ethics

Elective Courses 50 credits

Forestry Electives

Forest Ecology	Urban Forestry
Amenity Forestry	Recreation Use
Harvesting Systems	Current Issues
Forest Products	Forestry Internship
Regional Silviculture	Landscape Architecture
Fire & Ecology	Forestry Seminars
Forest Pathology	Wood Manufacturing
Forest Entomology	Tree Structure & Function
Range Management	Field Silviculture
Forest Recreation	Tree Genetics
Landscape Maintenance	

Elective Courses 50 credits (continued)

Natural Resource Electives

Public Relations
International Resource Mngt
Air Resources
Resource Administration
Air Photo Interpretation
Resource Policy & Law
Integrated Resource Mngt.

Elective Courses 50 credits (continued)

Other Electives

Animal Biology

Plant Physiology

Fundamental Chemistry

Applied Calculus

Trigonometry

Interpersonal Communication

Organizational Communication

Geographic Information Systems (GIS)

Pulp & Paper Processes

Forest Soils

Hydrology

Watershed Mngt.

Wildlife Habitat Mngt.

General Degree Requirements - 50 credits

(Certain courses in the Major apply)

Many Options for Each Category

English

Communication

Mathematics

General Science

Wellness & Health (phys.ed.)

Humanities

*(Art, Literature, Foreign Language
Philosophy, Social Science, History)*

Potential Employers

State Department of Natural Resources

U.S. Forest Service

Other federal agencies (BIA, BLM, IRS, FWS, military, etc.)

Forest Industry (Mead, International Paper, Louisiana-Pacific, many others)

Non-forest Industry (those with large land holdings)

Private Organizations (TNC, Trusts, MUCC, many others)

Universities, Colleges, Special Schools

Cities and Towns