

# FORESTER





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<http://www.fusiongrant.org/educational.php>

## Description:

Foresters manage forested lands for a variety of purposes. Some manage company-owned forest land or procure timber from private landowners to produce a sustainable supply of wood for company mills. Some foresters take an inventory of the type, amount, and location of all standing timber on the property. These foresters appraise the timber's worth, negotiate its purchase, and draw up a contract for procurement. Then foresters subcontract with loggers or pulpwood cutters for tree removal and aid in laying out roads to access the timber. Other foresters supervise the planting and growing of new trees, choose and direct the preparation of the site using controlled burning, bulldozers, or herbicides to clear weeds, brush, and logging debris. Foresters then monitor the seedlings to ensure healthy growth and to determine the best time for harvesting.

**Median Wage (as of 2005):** \$48,230

**Level of Education:** A.A.S., B.S., M.S. & Ph.D. (recommended for research/teaching positions)

**Job Outlook (through 2014):** 0-8% increase in number of jobs

## Examples of Colleges & Affiliated Programs:

**Cornell University** – Environmental Sciences

**SUNY College of Environmental Science and Forestry** – Environmental Resources & Forest Engineering; Environmental and Forest Biology; Forest and Natural Resources Management; Construction Management and Wood Products Engineering

**Alfred State (SUNY)** – Pre-Environmental Science & Forestry

**Paul Smith's College of Art of Sciences** – Forestry: Biology; Forestry: Ecological Forest Management; Industrial Forest Operations; Recreation Resource Management; Vegetation Management

**Purdue University**

## Employers (NY):

**Federal and State Governments** – National Forest Service; United States Department of the Interior's Bureau of Land Management; USDA's Natural Resource Conservation Service; Department of Environmental Conservation; United States Fish and Wildlife Service

**Pulp and Paper Companies** – Hancock Timber Resource Group; etc.

**Pulpwood Mills**

**Sawmills**

## High School/College Courses to Take:

Oral and Written Communication Classes

Computer Science, Remote Sensing, Land Surveying, GPS Technology

Biology, Ecology, Agriculture

Natural Resource Management, Environmental Science

Tree Physiology, Taxonomy, Soil Formation

Forest Inventory, Wildlife Habitat Assessment

Integrated Forest Resource Management, Silviculture, Forest Protection, Statistics

Resource Policy, Forest Economics, Business Administration



Cornell University