

WOOD

SCIENTIST





WOOD SCIENTIST

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

Description:

A wood scientist studies wood varieties and species characteristics, and studies insects and microorganisms' interactions with different wood varieties and species. Wood Scientists help maximize and improve species, varietal use, and production. They consult with wildlife, soil, and other conservation scientists on how to best conserve wildlife habitats, watersheds, and soil stability keeping in mind the state's environmental regulations. Wood Scientists also assist in developing replanting layouts, monitoring tree growth and health, and determining the best time for harvesting.

Median Wage (as of 2005):

\$48,670

Level of Education:

A.A.S or A.S., B.S.

Job Outlook (through 2014):

0-8% increase in the number of jobs

Examples of Colleges & Affiliated Programs:

Cornell University – Plant Science; Biological Science; Biometry and Statistics; Chemical and Biomolecular Engineering; Biological and Environmental Engineering; Chemistry

Finger Lakes Community College (FLCC) – Natural Resources Conservation; Biology

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; Forestry: Industrial Forest Operations; Forestry: Recreation Resource Management; Forestry: Vegetation Management

Employers:

Federal and State Governments – United States Department of Agriculture; United States Department of the Interior; USDA Forest Service; United States Environmental Protection Agency; New York State Department of Agriculture and Markets; New York State Department of Environmental Conservation; United States Department of the Interior: National Parks Services; Bureau of Land Management

Private Sector – Landvest Forestry Management & Consulting; International Paper Co.; Kinsley Lumber Co.; Finch Pruyn and Co.; etc.

High School/College Courses to Take:

Forestry, Law and Environmental Policy
Biology, Chemistry
Environmental Sciences



Cornell University