



# Forestry, B.S.

Forests cover one-third of the land area in the United States, and provide valuable habitat, carbon sequestration, recreational and cultural opportunities, wood products, and more. A degree in Forestry teaches you to understand dynamic ecosystem processes in forests so you are able to manage these lands for a wide range of objectives. At Humboldt, you'll get hands-on learning in some of the world's most spectacular and important forests, and a clear path to a career outdoors.

## Experience Your Learning

Cal Poly Humboldt is located in the heart of the coastal redwood forest. The surrounding environment is perfect for hands-on work in the field. These outdoor classrooms, along with excellent on-campus resources, prepare you for a career outdoors.

With the 780-acre Arcata Community Forest at our doorstep, our students average more than 7 hours per week in the woods during the school year.

The Wildland Fire Laboratory is among the most well-equipped fire research facilities of any university in the United States.

The L.W. Schatz Tree farm, Jacoby Creek-Goukdi'n Forest, and properties of partnering landowners such as Green Diamond and Redwood State and National Parks provide destinations for field trips, capstone projects, and student research.

Students use the Forestry and Range Experimental Greenhouse for plant response experiments testing the effects of soil fertility, water stress, density, and light. The greenhouse also contains a watershed simulator and groundwater simulator used to study rainfall, runoff, erosion, and groundwater processes.

Students can find paid internships with a wide array of employers, including the U.S. Forest Service, National and State Parks, forest industry and consultants, conservation groups and land trusts, and Tribes.

### Did you know?

- A recent survey of our graduates showed that almost all of them found jobs in their chosen career.
- Despite being the largest forestry department in California, we remain a cohesive community where classes are small and professors know students by name.
- Cal Poly Humboldt is surrounded by redwood and many other forest types.
- We award over \$60,000 in annual scholarships to Forestry students thanks to the generosity of alumni and other donors.



# Academics & Options

## Forestry, B.S.

A student who completes any concentration qualifies as a forester for federal employment.

### Forest Hydrology

This concentration is for students interested in a career in resource management with a focus on water resources. In addition to qualifying as a forester for federal employment, by completing a second calculus class, students can be eligible for federal hydrologist positions.

### Forest Operations

This concentration is for students interested in a career in the forest products industry and consulting.

### Forest Restoration

This concentration is for students interested in restoring forests for a wide range of objectives.

### Forest Soils

This concentration is for students interested in a career regarding forest soils and their management issues. In addition to qualifying as a forester for federal employment, students completing this concentration qualify as a soil scientist and soil conservationist for federal employment.

### Tribal Forestry

This concentration is for students interested in both Native American Studies and forestry. It prepares students for a forestry career working with Tribes, federal agencies, or industry, with an understanding of tribal sovereignty and governance.

### Forestry Fire Management

This concentration is for students interested in a career in managing wildland fuels, prescribed fire, fire suppression, or fire ecology.

### Minor

- Fire Ecology Minor
- Forestry Minor
- Watershed Management Minor

## Careers

With a strong foundation in the complexities of forests and related social and economic forces, you'll be highly prepared for your future. Employment opportunities for Forestry students are excellent. Our programs rank near the top of all programs at Cal Poly Humboldt with more than 90% of graduates getting jobs related to their major.

- Tribal, Industrial, Government, or Consulting Forester
- Wildland Fire Specialist
- Fire Management Specialist
- Environmental Analyst
- Natural Resources Specialist
- Hydrologist
- Geospatial Technician
- Conservation Project Manager



**At Cal Poly Humboldt, I was able to discover what interested me the most and ultimately choose my focus. The Forestry program is set up so that every student studying forestry will become exposed to each concentration a little throughout their degree, becoming a generalist. I enjoyed earning my forestry degree at Humboldt and highly recommend exploring all of the paths forestry has to offer."**

**Richard Stein** ('17, Forestry), forestry technician for Green Diamond Resource Company, assists Registered Professional Foresters in timber harvest plan layout and design.