Department of Forestry and Wildland Resources at Humboldt State University
Our Forestry Program Is Known For:

- Being student-centered
- Providing hands-on instruction
- Having a field orientation where almost all courses have outdoor labs
- Focusing on Forest Management
- Providing a variety of academic options to appeal to diverse interests
- Producing highly employable graduates
Course Environment

- Lectures typically have 20 to 40 students
- Labs typically have 12 to 24 students
- Lectures and labs are taught by professors
- Lecture rooms have computer and audio/visual equipment
- Most courses have labs
- Courses can have a mix of outdoor and indoor labs
Outdoor Laboratory Experiences

Measuring vegetation in the Community Forest

Fuel inventory in Redwood National Park
Outdoor Laboratory Experiences

Learning about trees and shrubs

Tree pruning in silviculture lab
Outdoor Laboratory Experiences

Watershed field trip

Prescribed burning
Indoor Laboratory Experiences

Working on a capstone project at the LW Schatz Tree Farm

Working on tree physiology lab
Indoor Laboratory Experiences

Vegetation map of a portion of Whiskeytown NRA

Mill Creek, Del Norte County
Our Faculty Work Closely With Students

Prof. John Stuart helping a student to key out a tree species.

Prof. Bill Sise giving instruction in the use of an increment borer.
Foresters Work in a Variety of Ecosystems

- Forests
- Woodlands
- Parklands
- Shrublands
- Deserts
- Riparian Zones
Forests
Del Norte Redwoods State Park
Forests
Mill Creek, Del Norte County
Woodlands
Whiskeytown National Recreation Area
Deserts
Andreas Canyon, Santa Rosa Mountains
Riparian Zones & Headwaters

Canoe Creek

Whiskeytown Falls
What Kind of Forester Are You?
We Offer a Bachelor of Science Degree With a Major in Forestry and Options in:

- Forest Hydrology
- Forest Production Management
- Forest Resource Conservation
- Forest Soils
- Wildland Fire Management

See our web site for specifics on each option, http://www.humboldt.edu/~fwr/
Option in Forest Hydrology

North Fork Caspar Creek

Stream gauging station
Freshwater Creek
Option in Forest Production
Management

Low impact harvesting

Recently harvested site

Steve Jolley
Option in Forest Resource Conservation

Wilderness field trip in the Klamath Mountains

Field trip to Prairie Creek Redwoods State Park
Option in Forest Soils

Assessing forest soils for sustainable production

Students classifying soils
Option in Wildland Fire Management

Yellowstone crown fire (Jim Peaco)

Field trip to the Canoe Fire in Humboldt Redwoods State Park
We Also Offer Minors in:

- Forestry
- Watershed Management
- Fire Ecology
Resources and Facilities Available to HSU Forestry Students
The 385-acre tree farm is used by students for labs and capstone projects.
Arcata Community Forest

The 622-acre forest can be reached in a 5-minute walk from the Forestry Building.
Freshwater Forest

A 320-acre experimental forest only 10-minutes from campus
Private Timberlands

Hundred of thousands of acres of private timberlands are available for use.
National and State Parks

Numerous federal, state, county, and municipal parklands can be found within a 1-hour drive from campus.

Prairie Creek Redwoods State Park

Patrick’s Point State Park
Six Rivers National Forest

View from Bear Basin Butte Lookout

Lake in the Trinity Alps
Some of Our Teaching Facilities

- Forestry Stockroom
- Forestry Herbarium
- Forestry Greenhouse
- Watershed Management Facilities
- Tree Physiology Lab
- Spatial Analysis Lab
- Forest Engineering Lab
- Forest Health/Fire Lab
- McLean Computer Lab
Forestry Stockroom
Forestry
Herbarium
Forestry Greenhouse

Dye translocation in redwood seedlings
Piezometer groundwater Study field at the Schatz Tree Farm

Tree interception stemflow measurement field at the Schatz Tree Farm

One of our three recording streamflow turbidity and suspended sediment sampling stations in the Elk River Basin – Humboldt County, California
Tree Physiology Lab

Nutrient Analysis

Using a pressure bomb to detect water stress
Spatial Analysis Lab

Del Norte Redwoods State Park

GIS map of the Klamath River Basin
McLean Computer Lab
Donated by the Mel McLean Foundation

12-station lab available for forestry students to work on assignments

Working on a computation lab
Forestry Building Lounge

A gathering place for studying, socializing, and meetings
L. W. Schatz Lecture

Annual lecture sponsored by the LW Schatz Demonstration Tree Farm for the benefit of the campus community
Student Activities

- Student Chapter of the Society of American Foresters
- Forestry Club
- HSU Logging Sports Team
- Student Association for Fire Ecology
- Xi Sigma Pi – Honorary Academic Forestry Fraternity
Student Chapter of the Society of American Foresters

North American Quiz Bowl Champions

Students attending national convention
Student SAF chapter participating in land use decisions

Jackson Demonstration State Forest Student Stakeholder Group
Forestry Club

- One of HSU's oldest student clubs
- Strives to build teamwork skills
- Learn about forestry issues
- Support fellow forestry students
- Open to all students irrespective of major
- Serves a social and professional role.
Forestry Club Activities

- Parties
  - Halloween
  - Christmas
  - And others
- Bowling
- BBQ’ing
- Mill tours
Forestry Club Activities cont.

- Christmas tree sale
- Blood drive
- Guest speakers
- Movie nights
- Pizza feeds
- Camping
- Bonfires
HSU Logging Sports Team

- Assn. of Western Forestry Club Competitions
- Logtoberfest
- California conclaves
Logging Sports Team cont.

Cross-cut sawing

Axe throwing
Student Association for Fire Ecology

- Observe fire use/prescribed burns
- Make connections for summer work opportunities
- Burn parties (get together and burn stuff!)

Prescribed burn at Whiskeytown National Recreation Area
Student Association for Fire Ecology cont.

- Attend regional and national fire ecology symposiums
- Fire seminar
Xi Sigma Pi
Academic Forestry Fraternity

The Objectives of Xi Sigma Pi are:

- To secure and maintain a high standard of scholarship in forestry education
- To work for improvement in the forestry profession
- To promote a fraternal spirit among those engaged in activities related to the forest
Annual Awards Banquet

Held near the end of Spring Semester, the annual Awards Banquet is an opportunity for students and faculty to get to know each other outside of the classroom and to celebrate the achievements of outstanding students.
Scholarships

- Dillard-Bailey
- Robert Cary
- Brian Gibbs
- Ron Hoover
- Jerry Partain
- Ed Pierson

- Charles G. and Helen W. Schober
- Stihl Heroism Award
- James T. Brown
What % of Recent Graduates Found Jobs Related to Their Majors?

<table>
<thead>
<tr>
<th>Major</th>
<th>% Found Jobs</th>
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<tbody>
<tr>
<td>Env. Sci.</td>
<td>60%</td>
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<tr>
<td>Fisheries</td>
<td>20%</td>
</tr>
<tr>
<td>Forestry</td>
<td>80%</td>
</tr>
<tr>
<td>NRPI</td>
<td>60%</td>
</tr>
<tr>
<td>Range/Soils</td>
<td>100%</td>
</tr>
<tr>
<td>Wildlife</td>
<td>40%</td>
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Who Do Our Alumni Work For?
(Based on a survey of 561 business cards)
Reasons to Become a Forester

- Help to maintain healthy, productive forests
- Work in sustainable forestry
- Solve land management problems
- Excellent employment opportunities
- Great variety of career paths
- Work in the out-of-doors
- Live in forested landscapes
Reasons to Study Forestry and Wildland Resources at HSU

- Strong curriculum with 5 options
- Excellent employment record
- Program emphasizes management and problem-solving
- Campus surrounded by millions of forested acres
- Rural environment
- Relatively inexpensive
- Program accredited by the Society of American Foresters
Reasons to Study Forestry & Wildland Resources at **HSU** cont.

- Great variety of club, student, and recreational activities
- Supportive students, faculty, and staff
- Students can enhance their education by taking courses in other high quality Natural Resource programs
  - Rangeland Resource Science
  - Wildland Soils
  - NR Planning and Interpretation
  - Wildlife
  - Fisheries
For More Information, Contact:

- Department Web Site, [http://www.humboldt.edu/~fwr/](http://www.humboldt.edu/~fwr/)

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College Graduates
We Hope to See You!