

Our Learning Approach

The program focuses on taking classroom knowledge and applying it in the field to help students make intelligent decisions in solving natural resource problems.

The basic student learning outcomes are skills at identifying trees and other plants and animals; measuring the abundance of resources; mapping and surveying; and recognizing and studying the different factors that affect a forest.

Students can then choose from option paths that may include advanced courses in GIS, watershed management, timber harvest practices in California or other courses that will meet their educational goals.

Your Future

Students who successfully complete the program can choose to continue their education at a 4-year university of their choice or enter the work force in a variety of positions such as:

- Forest technician for private industry, or state or federal agencies
- Technician for consultant groups
- Wildland fire fighting positions with state or federal agencies
- Ranger/interpreter position with state or national parks
- Biological technician for federal agencies

If you are interested in learning more about CR and the Forestry and Natural Resource program visit our web site at www.redwoods.edu.

Or contact us at: Forestry and Natural Resources
College of the Redwoods
7351 Tompkins Hill Rd.
Eureka, CA 95501-9300
Phone 707.476.4348

FORESTRY Natural Resources

7351 Tompkins Hill Road
Eureka CA 95501-9300

Education that Works | www.redwoods.edu

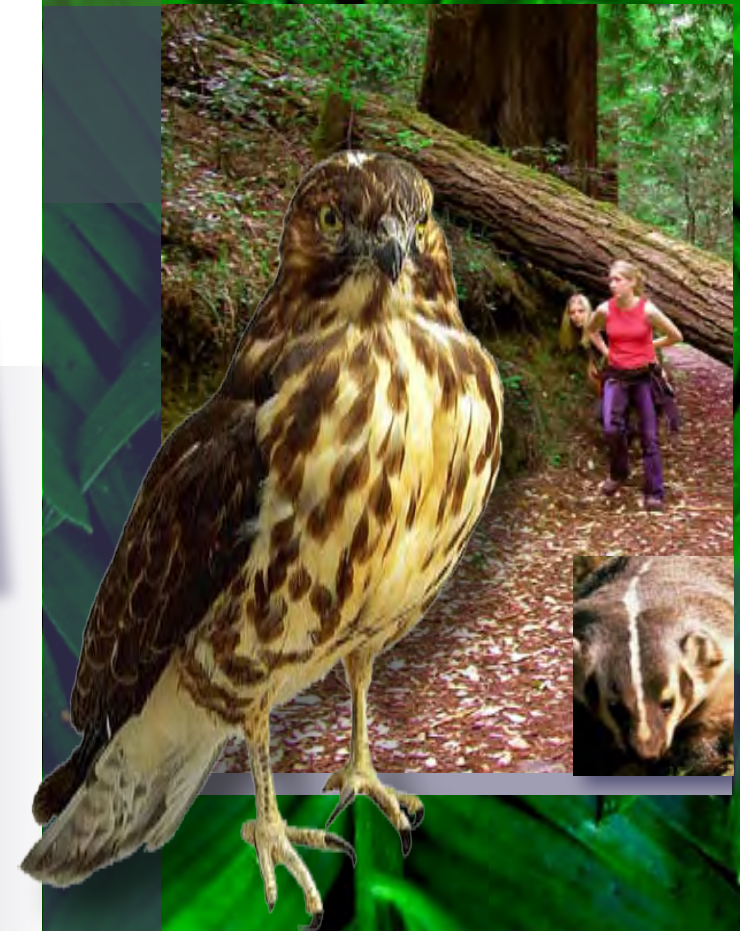
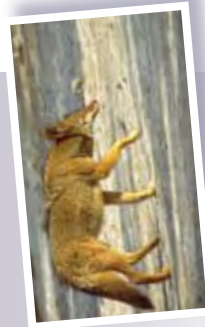
Printed by Printing Services, Communications & Marketing, College of the Redwoods,
7351 Tompkins Hill Rd., Eureka CA 95501-9300 | Design by Lynn Lozier-Hannon

College of the Redwoods does not discriminate on the basis of ethnicity, religion, age, gender, sexual orientation, color or disability in any of its programs or activities. College of the Redwoods is committed to providing reasonable accommodations for persons with disabilities. Upon request this publication will be made available in alternate formats.

CM/llh

AT/Forestry_NR_Brochure:022518llh.indd

rev. 02.25.08



COLLEGE
OF THE
REDWOODS

FORESTRY

Natural Resources

Field-based Learning

If you are interested in a career working in the outdoors helping to manage forests and other natural resources or just want to learn more about the ecology of the area you live in, then the forestry and natural resource program at College of the Redwoods is a great place to further your education.

Courses in the major focus on learning to identify and understand the different components of forested ecosystems. We take a hands-on approach to applying classroom knowledge in the field through a variety of laboratory and outdoor exercises.

College of the Redwoods is located in the coast redwood forest of northern California, one of the most incredible forest ecosystems on earth.

The 200-acre campus boasts stands of coast redwood, Douglas-fir and other native species, and hosts the Humboldt Bay Botanical Garden. Humboldt Bay National Wildlife Refuge is nearby and other diverse forest ecosystems are within a short drive. The college has state-of-the-art computer labs, a new learning resource center/library, as well as on-campus housing.

Learning Paths

Programs in this field provide basic educational opportunities for student seeking careers related to forestry and natural resources. You can pursue an Associate of Science in Forestry and Natural Resource Technology with one of 5 options. Or you may choose to complete one of the two Certificates of Achievement in either Forest Technology or Geographic Information Systems.

All students in the various options, and students in the Forest Technology Certificate program, take a group of core courses designed to teach them to:

- Identify trees, shrubs and regional wildlife
- Navigate terrain with map, compass and GPS tools
- Measure and inventory various natural resources
- Understand basic forest and wildlife ecological principles
- Use computer technology to analyze data and develop maps using GIS
- Recognize major forest pests and diseases, and protect forest health



FORESTRY

Natural Resources

Specialties

The options available will allow you to specialize in fields like those listed below.

Forest Technology

Learn techniques, laws and field practices specific to working in timber management including basic land surveying, wildland fire suppression, and aerial photo interpretation.

Natural Resources Technology

Learn wildland fire suppression, watershed management, natural history of plants and animals, and recreation or interpretation.

Geographic Information Systems

Learn advanced GIS analysis and programming techniques, as well as, basic land surveying, aerial photo interpretation, and remote sensing.

Transfer

Pursue additional general education and other courses to prepare you to enter a 4-year program as a junior.

