

FORESTRY AND NATURAL RESOURCES TECHNOLOGY (FNR)

About the program

Programs in this field provide basic and advanced educational opportunities for students seeking careers related to forestry and natural resources.

Degrees/Certificates within this Program:

- Associate of Science Degree, Forestry and Natural Resources Technology, Forest Technology
- Certificate of Achievement, Forest Technology
- Certificate of Recognition, Geomatics

Similar Degrees/Certificates offered at CR:

- Associate of Science Degree, Civil Design
- Certificate of Achievement, Civil Design

Career Opportunities

Careers in this area are often field-based and include a wide variety of activities such as inventorying trees, finding and marking Endangered Species locations, measuring streamflow and water quality, designing and monitoring forest road construction, developing and using geographic information systems and global positioning systems, working with prescribed fire or suppressing wildland fires, or fuels management.

For more information

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www.redwoods.edu/forestry/
- Career & Technical Division, 707-476-4341
- Counseling & Advising, 707-476-4150

Certificate of Achievement, Forestry Technology

Program Requirements	Units
AG 17 Intro to Soil Science	3.0
ENGL 150 Precollegiate Reading and Writing	3.5
FNR 1 Intro to Forestry and Natural Resources	3.0
FNR 5 Forest Ecology and Management	3.0
FNR 10 Timber Harvesting in California	5.0
FNR 51 Dendrology	3.0
FNR 52 Intro to Surveying	4.0
FNR 54 Intro to Natural Resource Inventory Techniques	3.0
FNR 58 Intro to Photogrammetry and Remote Sensing	2.0
FNR 60 Forest Health and Protection	3.0
FNR 65 Intro to GIS	3.0
FNR 67 Intro to GPS	1.0
FNR 77 Intro to Wildland Fire	3.0
FNR 80 Intro to Watershed Management	3.0
FNR 87 Wildlife Biology and Conservation	3.0
MATH 120 Intermediate Algebra	4.0
Total Units	49.5

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Suggested Program Sequence

Fall Start

Semester 1 ENGL 150, FNR 1, FNR 52, FNR 67, MATH 120

Semester 2 FNR 5, FNR 54, FNR 77, FNR 87*

Summer Job/Internship

Semester 3 AG 17, FNR 52, FNR 65

Semester 4 FNR 10, FNR 58*, FNR 60, FNR 65

*Course offered every other year.

Program Learning Outcomes

- Discuss the history, policy, economics, and management of natural resources including how society utilizes forests and other natural resources.
- Acquire, analyze, and interpret quantitative data about natural resources.
- Identify and describe species and environmental factors in forest ecosystems, and use ecological knowledge about natural resources to analyze predicted outcomes of management.
- Acquire, analyze and interpret geospatial information about natural resources.
- Understand and use safe practices in the field.