



FOREST SCIENCE & TECHNOLOGY

2007-2008

The job market in forestry is strong with respect to both permanent and seasonal employment. On average, 70-80% of seasonal Natural Resources job openings in northern California are for forestry technicians. Duties will vary, but generally include timber inventory and marking, harvest plan layout, ecosystem restoration work, and wildlife surveys. Today, this new forestry must focus on the ecosystem as a whole while realizing we still need to provide a myriad of values from our forests. Such values include biodiversity, clean air and water, and recreation in addition to wood products. By properly applying ecological principles to manage our forests, we can enhance biodiversity and lessen the impact of our consumption on forests around the world.

On average, seasonal forestry technicians are paid anywhere from \$10-\$15 per hour. Permanent jobs for qualified technicians start around \$30,000 - \$40,000 per year with benefits. Students who complete the A.S. degree in Forest Science and Technology will be well prepared to transfer to a four-year degree at Humboldt State, Cal-Poly San Luis Obispo, or other out-of-state institutions such as the University of Idaho. Students should contact a member of the forestry/natural resources faculty to discuss career options and courses.

REQUIREMENTS FOR ASSOCIATE IN SCIENCE DEGREE

Students who do not qualify for advanced levels of mathematics are strongly encouraged to enroll in MATH 100-Technical Applications of Math as preparation for degree requirements.

Recommended Course Sequence:

First Semester (Fall)

ENVR 52	Computers in Agriculture/Natural Resources	3
NR 1	Introduction to Natural Resources	3
NR 50	Natural Resources Measurements	4
NR 66	Watershed Restoration Practicum	1
NR 83	Introduction to Global Positioning Systems (GPS)	1
MATH	Math competency (MATH 101)	3

Second Semester (Spring)

FIRS 118	Introduction to Wildland Fire	1.5
NR 6	Native Plant Identification	3
NR 8	Career Placement – Natural Resources	1
NR 10	Satellite Imagery and Mapping Techniques for NR	4
ENGL	English Composition requirement	3-4
CMST	Oral Communication requirement	3

Summer Session

ENVR 94	Environmental Resources Worksite Learning	1-2
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Third Semester (Fall)

NR 51	Silviculture	2
NR 53	Forest Protection and Restoration	4
NR 64	Water Resources	3
NR 65	Forest Ecology	3

Fourth Semester (Spring)

NR 54	Introduction to Forest Products	2
NR 55	Timber Harvesting Systems and Equipment	2
NR 70	Wildlife Management and Conservation	3
	General Education (Multicultural/Living Skills)	3
	General Education (Humanities)	3
	General Education (Social and Behavioral Science)	3

Associate in Science Degree Requirements	
Major	42.5-43.5
General Education	18
TOTAL	60.5-61.5