

***Forest Management Workforce
LMI and WET Programs
North/Far North Region***



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Development Summit
Lake Tahoe Community College
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Forest Management Occupation Categories

Technician

Provide technical work in sector and are supervised by management or professional staff

- Biological technicians
- Environmental engineering technologists and technicians
- Environmental science and protection technicians
- Forest and conservation technicians
- Forest and conservation workers
- Geological and hydrologic technicians

Professional

Provide key decision-making on design and implementation of projects and programs

- Conservation scientists
- Environmental scientists and specialists
- Foresters
- Geoscientists
- Hydrologists
- Soil and plant scientists

Management

Manage or administer programs and supervise staff

- First-line supervisors of farming, fishing, and forestry workers
- Natural science managers

Specialty

Provide specialty services in support of sector

- Fallers
- Log graders and scalers
- Logging equipment operators
- Logging workers, all other
- Surveyors
- Surveying and mapping technicians
- Tree trimmers and pruners

North (Greater Sacramento) Forest Management LMI, 2020-2025

Subgroup	2020 Jobs	2025 Jobs	2020-2025 Change	2020-2025 % Change	2020-2025 Annual Job Openings
Professional	4,029	4,179	150	4%	424
Technician	2,730	2,897	167	6%	390
Specialty	2,031	2,194	163	8%	292
Management	996	1,090	94	9%	126
Sacramento Totals	9,786	10,360	574	6%	1,232

Notable occupations

- Tree trimmers (790 jobs, 125 annual openings, \$25.11 median wage)
- Forest and Conservation Technicians/Workers (1,070 jobs, 150 annual openings, \$18.66 median wage)
- Logging Equipment Operators (230 jobs, 48 annual openings, \$25.64 median wage)
- Foresters (78 jobs, 9 annual openings, \$38.93 median wage)

Far North, Forest Management LMI, 2020-2025

Subgroup	2020 Jobs	2025 Jobs	2020-2025 Change	2020-2025 % Change	2020-2025 Annual Job Openings
Technician	2,870	2,908	38	1%	394
Specialty	1,790	1,893	103	6%	296
Professional	1,017	1,065	48	5%	109
Management	794	870	76	10%	128
Far North Totals	6,471	6,736	265	4%	927

Notable occupations

- Forest and Conservation Technicians/Workers (2,500 jobs, 340 annual openings, \$18.06 median wage)
- Logging Equipment Operators (874 jobs, 160 annual openings, \$24.66 median wage)
- Fallers (212 jobs, 35 annual openings, \$30.60 median wage)
- Foresters (186 jobs, 20 annual openings, \$34.29 median wage)

Top job titles and employers – forestry / logging, California, last 12 months

JOB TITLES

Consulting Utility Forester	194
Arborist Climber	66
Forestry Technician	64
Distribution Groundman	53
Arborist Crew Leader	45
Fire Engine Operator	41
Arborist Utility Pre - Inspector	38
Arborist Utility Pre-Inspector	34
Forestry Aide	32
Arborist Ground Person	30
Forestry Technician Recreation	30
Arborist	29
Arborist Plant Healthcare Specialist	27
Growth Marketing Lead	27
Forester I Nonsupervisory	26
Sales Arborist	26
Climbing Arborist	24
Forester	22
Utility Forester/Arborist/Vegetation Management Specialist	21

EMPLOYERS

Davey Tree Expert Company	189
Forest Service	181
Edison International	89
ACRT Incorporated	88
US Department of Agriculture	63
Cn Utility Consulting	55
ACRT Pacific	51
State of California	48
ACRT Services	44
National Park Service	37
Asplundh Tree Expert Company	35
Bureau of Land Management	33
Environmental Consultants ECI	30
Wells Fargo	27
California Public Utilities Commission	26
Mendocino Redwood Company	23
Wright Group	22
Arbormetric Solutions	21
Rincon Consultants Incorporated	18

Far North – Related WET Programs

College of the Redwoods

- Forestry and Natural Resources
- Forestry Technology
- Federal/ State Wildland Firefighter
- Agriculture
- Horticulture, Plant Science
- Construction

Shasta College

- Forest Science & Technology
- Natural Resources
- Wildland Firefighter
- Pest Control Advisor
- Watershed Restoration
- Heavy Equipment Logging Operator/Maint.
- Agriculture
- Horticulture, Plant Science

Butte College

- Environmental Science
- Fire Technology
- Natural Resources
- Forestry Technician
- Fire Technology
- Heavy Equipment Operator
- Utility Line Arborist Technician
- Geography - GIS

Feather River College/ Lassen College

- Environmental Science
- Forest Health and Fuels Management
- Outdoor Recreation Leadership
- Fire Technology (LCC)
- Agricultural Science (Irrigation, Business)-LCC
- Natural Sciences (LCC)

College of the Siskiyou

- Environmental Science
- Fire Technology

Mendocino College

- Natural Resources
- Fire Science
- Wildland Firefighting
- Sustainable Construction

Greater Sacramento – Related WET Programs

Lake Tahoe Community College

- Fire Science / Academy
- Forestry (forthcoming)
- Wilderness Education

Sierra College

- Environmental Studies/Sustainability
- Natural Science
- Geography – GIS
- Ag – Wildland Forestry
- Sustainable Agriculture
- Building Industries
- Recreation Management

American River College

- Biotechnology
- Diesel / Clean Diesel Technology
- Fire Technology
- Geography – GIS
- Sustainable Landscaping – Landscape Design
- Horticulture
- Environmental Conservation – Forest/Range; Fisheries, Water Resources

Cosumnes River College

- Agriculture – Horticulture, Landscape, Welding
- Sustainable Landscape Design
- Horticulture – Sustainable Irrigation and Water MGMT
- Sustainable Agriculture
- Construction, Construction Management
- Fire Technology
- Geography – GIS
- Environmental Studies and Sustainability

Sacramento City College/Folsom Lake College

- Industrial Maintenance Mechanics
- Mechanical – Electrical technology
- Enviro Tech (Water/Wastewater)
- Geographic Information Systems (GIS)

Yuba College / Woodland CC

- Agriculture – plant science, sustainable ag
- Water and Wastewater Utility Operator
- Agricultural Science
- Agricultural Business
- Environmental Horticulture
- Sustainable Agriculture
- Plant Protection

North/Far North Forestry & Natural Resources Educational Institutions

Community Colleges		Four-Year Institutions	
North (Greater Sacramento)	Far North	North (Greater Sacramento)	Far North
<ul style="list-style-type: none"> American River College Cosumnes River College Folsom Lake College Lake Tahoe Community College Sacramento City College Sierra College Woodland Community College Yuba College 	<ul style="list-style-type: none"> Butte College Mendocino College College of the Redwoods Shasta College College of the Siskiyous 	<ul style="list-style-type: none"> California State University, Sacramento University of California, Davis William Jessup University 	<ul style="list-style-type: none"> Humboldt State University California State University, Chico
68 Community College Awards	80 Community College Awards	378 Bachelor's Degrees	534 Bachelor's Degrees

Average Annual Public Postsecondary Awards:
1,060 Awards
2017-18 through 2020-21

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