

Natural Resources Apprenticeship



Redwoods Rising is a new and unique collaboration between the California Department of Parks and Recreation (CDPR), Redwood National Park (RNP), and Save the Redwoods League (SRL) that integrates multiple disciplines to achieve landscape-scale ecosystem restoration.

The role of the apprenticeship within the Redwoods Rising collaborative is to help prepare for the implementation of forest, road, and stream restoration across Redwood National and State Parks (RNSP).

Description of work – Apprentices will be selected to work on new restoration projects in RNSP. Applicants should expect long days with arduous fieldwork, extended trips (up to four days) that involve camping, hiking off trail, variable hours, and work that will require attention to detail. Work will begin May 28th and end August 16th (11 weeks). Apprentices will be required to take one week of unpaid time off as part of their term. Work duty stations may include Fort Humboldt State Historic Park (Eureka), the state park offices at Patricks Point State Park (Trinidad), and/or the RNSP South Operations Center (Orick). Student will be required to provide their own transportation to work duty stations. Compensation will include an approximate wage of \$15/hour, paid as a stipend.

Apprentices will function as a 2-4 person team, and work closely with staff CDPR or RNP on redwood ecosystem restoration. This program will provide professional networking opportunities with SRL, RNP, and CDPR. Apprentices will develop skills in: scientific inventory and monitoring, data development and management, outreach, public speaking, radio usage, and field safety. All necessary field equipment will be provided by Redwoods Rising.

Qualifications – This Apprenticeship is open to all current students who will be enrolled in a Humboldt State University natural resource-based program through the summer, including students set to graduate in the Fall of 2019. Students graduating in the Spring of 2019 are not eligible for this apprenticeship.

- **Forestry:** Students who have completed FOR 130 and FOR 210 will be preferred, but students from other natural resource programs will be considered. Applicants should be familiar with basic data collection methods, equipment (e.g. diameter tape, laser range finder, GPS units, compass), and data entry using Excel and Access. Applicants with field experience will be preferred.
- **Botany:** Students who have completed BOT 105 and BOT 350 will be preferred, but students from other natural resource programs will be considered. Applicants should be familiar with basic data collection methods, plant identification, use of dichotomous keys, equipment (e.g. GPS units), and data entry using Excel. Applicants with field experience will be preferred.
- **Watershed Rehabilitation:** A background in environmental resources engineering, geology, hydrology, road surveys, and who have taken FOR 353 will be preferred, but students from other natural resource programs will be considered. Applicants should be familiar with basic data collection methods, equipment (GPS units, survey level, stadia rod), and data entry using Excel and GIS. Applicants with field experience will be preferred.
- **Hydrology:** A background in stream ecology, hydrology, or fisheries will be preferred, but students from other natural resources programs will be considered. Students who have completed FISH 380 or WSHD 310, or experience with working in streams will be preferred. Applicants should be familiar with basic data collection methods, equipment (GPS units, stadia rod), and data entry using Excel and GIS. Applicants with field experience will be preferred.

Note: This program is currently in development, and may eventually include other disciplines including Wildlife Biology.

A successful applicant will demonstrate:

Attention to detail and direction, an eagerness to learn, values and respect for collaboration and shared responsibility, a positive attitude and a sense of humor.

There will be a recruitment presentation and meeting on February 11, 2019, at 5:00 PM in the Forestry Building, Room 103. At this meeting, the 2018 Redwoods Rising Apprentices will present their experiences, and the 2019 Apprenticeship Program will be introduced by the Save the Redwoods League program manager. Interested applicants are encouraged to attend to meet the Save the Redwoods League team, learn about how to apply, and ask questions about the program.

Applications will be due, by email to Lucy Kerhoulas (Lucy.Kerhoulas@humboldt.edu), Friday, February 22 by 5 pm.