UC Santa Cruz Fort Ord Natural Reserve Internships - Winter and Spring 2017

Interested UCSC Undergraduates may send an application in the form of an email stating which activity they are interested in, relevant coursework, internships, and a brief summary of your interest in the work. Please include a copy of your Winter 2017 UCSC schedule, you may also include references and resume if available. These opportunities will close when filled. Please email all materials, or any questions, to reserve Steward Joe Miller at jomille@ucsc.edu. Please respond by Monday December 5, 2017. Availability and ability will determine participants. The internships require travel to Marina, CA. In some cases ridesharing can be arranged. Fort Ord Natural Reserve is 35 miles, and 45 minutes - 1 hour away from UCSC. The 2 unit internship requires 60 hours of participation for credit. Volunteers may also apply. Class credit is arranged through participation in the UCSC Environmental Studies Internship Program.

Camera Trapping Studies (multiple openings):
Interna will use wildlife cameras to study the movement of feral and domestic cats around UC Santa Cruz Fort Ord Natural Reserve (UCSC FONR). Study will also use small mammal trapping to measure effects of cat presence on native mammal populations. A second application will include the assessment and monitoring of wildlife travel patterns between sectors of UCSC FONR over public areas and streets of Marina, CA. Duties include wildlife camera operation, use of arcGIS Collector application, small mammal trapping and identification, hiking, data analysis, and presentation of results.

Winter/Spring Plant Surveys (multiple openings):

Rare Species Phenology Monitoring
Intensive weekly small quadrat phenology surveys at UCSC FONR, to observe the distribution and abundance trends over fine temporal scale during the blooming season of rare, threatened and endangered plants occurring within the reserve. Interns will set up study area and collect data. Interns will also analyze and present results.

Reserve Parcels Plant Survey
Large scale survey of plants across UCSC FONR and areas nearby, with an emphasis on identifying location and distribution of rare species. Interns will build survey, plant identification, and mapping skills. Work will include data collection and a presentation of results.

Stewardship Internship (one opening on Wednesdays):
Intern will work independently, and alongside UCSC Natural Reserve staff, while learning about land management. Duties include but are not limited to managing exotic/invasive species, clearing trails, maintaining camping area, light construction, maintaining reserve infrastructure and fences, and assisting with a variety of research support. Candidate should possess previous experience related to duties. Applicants should have all day availability on Wednesdays during Winter quarter.

Outdoor Education/Experiential learning project
This opportunity is for applicants who are interested in learning and developing outdoor education programs. Interns will assist UCSC FONR and CSUMB staff in K-3 grade education outdoor experiential programs that align with new state education curriculum and standards. Participants will assess current programs as well as assist with developing new activities.