



Arboretum Interactive Ecology Internship
Agency Sponsor: Brett Hall
brett@ucsc.edu (831) 212-4853



Winter Quarter 2020 Interactive Ecology interns will participate in field botany and vegetation surveys in central coast natural areas, and work in the California Conservation Gardens in the UC Santa Cruz Arboretum.

The internship is a 5 Unit upper or lower division ENVS course. 12 hours per week is the average level of participation. The Contract requires 120 field hours during the quarter. This winter, 2020, time frames will depend on the level of interest and availability for exploratory field trips and vegetation surveys. Please fill out the online application indicating your availability as indicated below. A group who is available one full day each week would be ideal.

<https://arboretum.ucsc.edu/education/student-ops/index.html>

Tuesday all day, Tuesday morning, Tuesday afternoon

Wednesday all day, Wednesday morning, Wednesday afternoon

Thursday all day, Thursday morning, Thursday afternoon

Mornings = 8-12 Afternoons = 1-5, All day = 8-5.

Contact Brett Hall, California Native Plant Program Director, for more information and to set up an interview.. (831) 212-4853; brett@ucsc.edu.

Course description:

Field trips to local natural areas where participants will learn and practice vegetation survey methods used by the California Native Plant Society (CNPS) and California Department of Fish and Wildlife (CDFW). We have several ongoing projects that our efforts will support. During these field trips, discussions and investigations will take place about conservation and land management, ecology & evolution, and goals for the Arboretum native gardens and program. Interns will be assigned to gather more information and research one or more topics or facets each week. There will be assigned and optional readings. All participants will keep a journal. Photography, illustration and using GPS and smart and mapping tools will be a part of the work (e.g. ESRI Collector, etc.), though not necessarily all of the above. Participants will be required to develop plant lists, and create short narrative descriptions of study areas.

We are trying to anchor the schedule before Winter quarter which will be built around common availabilities.

For those seeking a garden internship in the California Conservation Garden please indicate this in your application with your availability.

- Trail work
- Brush removal
- Weeding, especially invasive weeds
- Nursery work—transplanting, seed treatments and planting, asexual propagation of collections with cuttings and divisions
- landscaping and planting
- preparing lists of species and associations to fit geographic, ecological and horticultural themes identified in the conceptual plan for the gardens.

