

Natural Resource Management CRSN 152 Sect 03

Tues/Thur 9:50-11:45 2 units

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Did you know that UC Santa Cruz is going through a planning process to determine future growth for the next 20 years?

The UC Santa Cruz Campus is composed of over 2000 acres and is located in a truly unique natural setting. These natural lands provide areas for research, teaching, and conservation. As UCSC grows we have to make decisions about tradeoffs that are associated with growth. The proposed Long Range Development Plan (LRDP) for 2040 will increase the area of campus reserve and maintain a large portion of campus as natural space. Over the past decade there has been a tremendous amount of growth in recreational use (primarily mountain biking) that, while providing a valued outdoor activity, is having an impact on habitat within natural lands of the campus. During the Natural Resource Management Laboratory Practicum, you will gain real-world experience in understanding how land is managed and processes that go into stewarding these areas. This 2 unit course/internship can be taken all three quarters (Fall, Winter, Spring) as each quarter will build off of the last one. You will be tasked with evaluating plans, leading habitat and species mapping efforts, implementing on-the-ground surveys, and creating a recreational land management plan by the end of spring quarter. We will meet on Tuesdays and you will work with group members on Thursday to complete your project. During this class you will meet with various stakeholders such as UC Reserve managers, professors who use the living laboratory of campus, recreational users (e.g. mountain bikers, equestrians, State Parks, etc.), and administrators who are involved in LRDP planning efforts. Through monitoring and GIS mapping, you will help to create a recreational land use plan that will balance trail use with natural resource protection. This class will require you to work independently as well as with a small group and is open to all majors. Please contact me if you have any questions.

