Natural Resource Management CRSN 152 Sect 03

Mon/Wed 12-1:05 2 units

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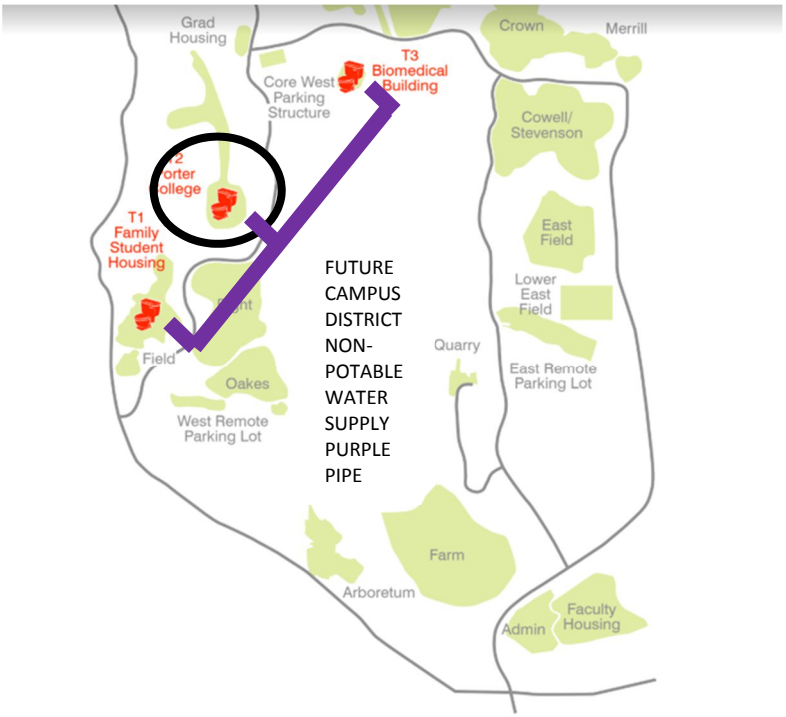
The UC Santa Cruz Campus is composed of over 2000 acres and is located in a truly unique natural setting. These natural lands provide areas for research, teaching, and conservation. During the Natural Resource Management Laboratory Practicum, you will gain real-world experience in understanding how land is managed and processes that go into sustainable development and conservation. This 2 unit course/internship can be taken all three quarters (Fall, Winter, Spring) as each quarter will build off of the last one. This year there are two different projects that you can work on. One project will deal with developing a storm water management plan working with Environmental Health and Safety on Campus. For this project you will calculate where storm water flows, propose areas for storm water catchment, and propose areas where water could be used for irrigation or purple pipes developing a non-potable master plan for campus. The second project deals with fire restoration and mitigation. Luckily the fire did not reach campus but 1/3 of Santa Cruz Co was burned. There are so many directions this project could take. During this class you will meet with various stakeholders such as UC Reserve managers, professors who use the living laboratory of campus, staff within Environmental Health and Safety, Physical Planning, Development and Operations and the Sustainability Office. You will tasked with evaluating plans, leading habitat and species mapping efforts, implementing on-the-ground surveys, and developing a project over the academic year. We will meet on Mondays and you will work with group members on Wednesday to complete your project. 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.



Stormwater drainage project: The basins, between High Street and the Emergency Resource Center, use plants, soil, and rock to capture, filter, and infiltrate stormwater. The hillside is being re-seeded with native vegetation. https://news.ucsc.edu/2019/07/bio-basins.html