

ENVR 102 Conservation Solutions
5 July 2017

Conservation Solutions (ENVR 102) will be an interdisciplinary course in which students will develop curriculum for a new docent program at the Dawson Los Monos Canyon Reserve (<http://nrs.ucsd.edu>). ENVR 102 students will then be eligible to apply for spring quarter internships to implement the curriculum. Dawson is a chaparral and oak woodland habitat with a permanent stream, an island of natural habitat in Vista, CA. In the first weeks of the course students will be introduced to the natural and human history and management challenges of this nature preserve. Students will then build on their knowledge through their own research and this will include exploring the reserve, reading literature, and interviewing local experts. Together we will create a project-oriented curriculum for a local high school, along with blogs and videos to support that curriculum.

DRAFT SYLLABUS

<u>Week</u>	<u>Topic</u>
1	Introduction
2	Natural history overview at Dawson Reserve
3	Human history of Dawson
4	Natural history II
5	Resource management: Water issues & climate change
6	NGSS: data collection, analysis, interpretation, & communication
7	Collect original data for independent projects
8	Social media: communication strategies
9	Launching a docent program: local examples
10	Curriculum run-through