ENVRINST (ENVRINST)

Courses

ENVRINST 109. Creating a Green Student Workforce to Help Implement Stanford's Sustainability Vision. 2 Units.
Examination of program-based local actions that promote resource conservation and an educational environment for sustainability. Examination of building-level actions that contribute to conservation, lower utility costs, and generate understanding of sustainability consistent with Stanford's commitment to sustainability as a core value. Overview of operational sustainability including energy, water, buildings, waste, and food systems. Practical training to enable students to become sustainability coordinators for their dorms or academic units. Same as: CEE 109, EARTHSYS 109

ENVRINST 177. Interdisciplinary Research Survival Skills. 2 Units.
Learning in interdisciplinary situations. Framing research questions. Developing research methods that benefit from interdisciplinary understanding. Writing for multiple audiences and effectively making interdisciplinary presentations. Discussions with interdisciplinary experts from across campus regarding interdisciplinary research projects. Same as: EARTHSYS 177, EARTHSYS 277, ENVRINST 277

ENVRINST 198. Prehonors Seminar. 1 Unit.
Seminar for students admitted to the Goldman Honors Program. Students will begin work on honors projects. Enrollment by consent of instructor.

ENVRINST 199. Interschool Honors Program in Environmental Science, Technology, and Policy. 1-9 Unit.
Students from the schools of Humanities and Sciences, Engineering, and Earth Sciences analyze important problems in a year-long small group seminar. Combines research methods, oral presentations, preparation of an honors project by each student, and where relevant, field study. May be repeated for credit.

ENVRINST 260. Water in the West: Challenges and Opportunities. 2-3 Units.
This 3-unit course explores challenges and opportunities in the management of water resources to protect the economic, ecological, and social values of the American West. Lectures and readings will cover a wide array of subjects and take an interdisciplinary approach to issues affecting water supply, water quality, and ecosystems with an emphasis on applications to policy and practice. Invited speakers from Stanford, other universities, government agencies, business, and non-governmental organizations will discuss relevant topics such as climate change, agricultural and urban water demand, impacts on business, management of freshwater ecosystems, markets and pricing, and other topics to be determined. Class discussion will focus on potential solutions in the areas of policy, markets, technology, and other interventions. Assignments will require students to applying knowledge from readings, lectures, and discussions to practical, real-world scenarios in the form of public comments, editorials, plans, or proposals. Through this course, students will gain an understanding of the complex water landscape of the American West, how decisions affecting water resources in the West are made and may be influenced, and be able to discuss the trade-offs between different various solutions. Limited enrollment. Prerequisite: consent of instructor.

ENVRINST 277. Interdisciplinary Research Survival Skills. 2 Units.
Learning in interdisciplinary situations. Framing research questions. Developing research methods that benefit from interdisciplinary understanding. Writing for multiple audiences and effectively making interdisciplinary presentations. Discussions with interdisciplinary experts from across campus regarding interdisciplinary research projects. Same as: EARTHSYS 177, EARTHSYS 277, ENVRINST 177