

SUSTAINABLE WATER INTERDISCIPLINARY MINOR

Office in Engineering Building, Room E102
watercenter.colostate.edu (<http://watercenter.colostate.edu>)

Coordinated by the Colorado Water Center in partnership with the School of Global Environmental Sustainability.

Water is a complex, interdisciplinary topic that is critical to our economic, societal, and environmental well-being. Issues surrounding water supply, water quality, and ecological relationships have become increasingly important in Colorado, the American West, and internationally as water demands increase. The complexity of these issues and competition among various water users demands that students interested in pursuing careers in water gain a broad introduction to the issues while specializing in a particular discipline.

CSU has developed considerable water resources expertise in many academic fields over the past century. The Sustainable Water Interdisciplinary Minor (SWIM) requires 21 credits and a minimum of 12 upper-division (300- 400-level) courses which allow undergraduates to take advantage of this expertise and broaden their background in water resources to prepare for employment or graduate-level work.

Learning Objectives

Upon successful completion, students will be able to:

1. Describe the physical and biological basis for sustainable water resources.
2. Explain basic concepts in watershed function.
3. Analyze and discuss important issues in the economics and policies of water resources.
4. Apply knowledge and skills from their major discipline to water-related issues.