

# 100% ENGAGEMENT

## What is 100% Engagement?

- Hands-on experiences to apply what you're learning
- Chances to learn new skills (like leadership or entrepreneurship)
- Classes or non-credit opportunities offered across campus



## Why participate in 100% Engagement?

- Expand your knowledge and skill-sets
- Learn how to tell your story
- Gain real world and interdisciplinary experience
- Get a special notation on your UA transcript



## How do I participate in a 100% Engagement Experience?

- Ask your:
  - Academic adviser about courses available
  - Professors if they're offering any 100% Engagement opportunities
- Find out about non-credit experiences at [ose.arizona.edu/experiences](http://ose.arizona.edu/experiences)



# 100% Engagement Opportunities for Environmental Hydrology (EHY) majors

Environmental Hydrology (EHY) majors, automatically obtain a 100% Engagement experience in HWRS 413A *Field Hydrology* and HWRS 498/498H *Senior Capstone*

**HWRS 413A *Field Hydrology*** In this course, students are introduced to instruments and methods for conducting and interpreting subsurface and surface hydrological field investigations. Subsurface field methods include tensiometers, gravimetric methods, neutron probes, time domain reflectometry, lysimeters and infiltrometers. Surface field methods include stream gaging, indirect discharge measurements, and micrometeorological instruments and methods; snow hydrology. As part of the course, there is an extensive water sampling and data analysis campaign that includes daily field work, and preparation of professional-quality lab and field reports. Transportation to field sites will be provided. Daily field trips and overnight camping in field required.

The 100% Engagement Activity is “Professional Development”, and the Competency demonstrated is “Interdisciplinarity”, where students collaborate across disciplines to combine knowledge and achieve shared goals.

**HWRS 498/498H *Senior Capstone*** Students must have engaged in a hydrology or water resources internship, water science research, or water policy research. The key requirement is that the project is water-related, and the student has engaged in data analysis during the project.

This is a two-semester course, beginning in fall semester (2 units) and concluding in the subsequent spring semester (2 units). During fall semester students prepare a professional poster presentation of their undergraduate hydrology or water resources research project, to be presented in the subsequent spring semester at *El Día del Agua y la Atmósfera*, the Department of Hydrology & Atmospheric Sciences' Annual Student Research Exposition on UA campus. In the weeks following *El Día*, students complete their final written Capstone Report.

The 100% Engagement Activity is “Professional Development”, and the Competency demonstrated is “Innovation and Creativity”, where students apply information and imagination to generate new ideas that address important needs.

**Ask your EHY Advisor about additional 100%Engagement opportunities:**

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