

## Program Timeline

Classes begin Fall semester with a week-long road trip through AZ, NV, and CA to see water in the landscape, build community, and visit groundwater professionals at work.

Five required courses are taken in both Fall and Spring terms.

Complete an independent research project during the summer.

## Meet Your Instructors

- Dr. Andrew Bennett, **Machine learning**
- Dr. Laura Condon, **Hydrologic modeling**
- Dr. Ty Ferre, **Merging measurements and models**
- Dr. Bo Guo, **Contaminant fate and transport**
- Dr. Jen McIntosh, **Hydrochemistry and water quality**
- Dr. Yang Song, **Biogeochemistry**
- Dr. Peter Troch, **Hillslope hydrology**
- Dr. Kim Wood, **Atmospheric science and communication**

Rotating visiting professionals will complement permanent faculty.

## Get in touch!

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*Scan for more information, including application instructions.*

**APPLY NOW!**



COLLEGE OF SCIENCE

Hydrology &  
Atmospheric Sciences



**ONE YEAR MASTER'S  
IN HYDROGEOLOGY**

*We are water.*



## Our Mission

*To deliver world-class, rigorous education through a **one-year, in-person, and project-based** program.*

## Program Details

- Designed to teach core concepts in an applied context.
- Students take all classes as a cohort.
- Courses are organized around a sequence of projects to integrate learning across the five classes.
- Fundamental material is presented in the Fall and advanced topics and applications are covered in the Spring.
- Strong emphasis is placed on professional communication (written, oral, and visual).
- Minimal prerequisites: self-guided material available for technical preparation as needed.

## Top-Ranked Program

**in Water Resources**

*~ 2023 Global Ranking of Academic Subjects*

## What Makes this UArizona Program Different?

- The program is **one-year** in duration, including completion of an independent research project, and is limited to 25 students.
- All members of a cohort take the same classes **in-person**. Courses include theory and practice and are taught by **world-renowned faculty**.
- The courses are **project-based**, giving students experience working on real-world problems.
- Classes are **horizontally-integrated**, with assignments and projects spanning across multiple courses.
- The content was designed in conversation with practicing hydrologists, and the students will have **regular, direct contact with professionals**.
- Upon completion, students will be **prepared to enter the workforce or a PhD program**.

## The Courses

Physical  
Hydrogeology

Chemical  
Hydrogeology

Communication

Analysis Methods

Measurement  
Methods

