

GEOLOGY 556  
**Field Methods in Hydrology**

3 credit hours  
or available for Continuing Education Credit

**July 11-20, 2025**

## Join Us

### Cañon City, Colorado!

Geology 556 Field Methods in Hydrology meets each July at KU's Harrison Field Station near Cañon City Colorado. The course provides hands-on training and experience with tools and methods commonly used in environmental investigations. Methods of site characterization, monitoring, and analysis may include:

- Monitoring well design and installation
- Measurement of groundwater levels and flow gradients
- Slug and pump testing and determination of aquifer hydraulic conductivity
- Infiltration and vadose zone characterization
- Inorganic and organic sampling of surface and groundwater
- Delineation of groundwater-surface water interaction
- Stream discharge and hydrograph analysis

These are addressed in the context of Superfund and remedial investigations at up- and down-stream gold mining and uranium milling operations. Students complete reading and preliminary assignments online, two weeks before attending the week-long, in person, field session.

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College of Liberal Arts  
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### Who Should Take this Course?

This course is ideal for those preparing for, or advancing in, an environmental career. It may be used to satisfy:

#### Professional Science Master's Program

- Three-credit hour field-based workshop
- Elective requirement

#### Graduate or Undergraduate

- Elective requirement

#### Working Professionals

- Continuing Education Units (CEUs) may be used to satisfy Professional Geology renewal. For more information, scan the QR code.







## Cost and Living Arrangements

This is a three-credit off-campus course and matches the off-campus tuition rate for undergraduate students. Students in the Professional Science Master's program pay a flat tuition rate associated with the PSM program. In addition to the tuition cost, there is a \$600 fee which covers transportation, residence costs, and tour and park admission.

Facilities at the field station include sleeping cabins and a full kitchen. Students are responsible for their own meals while at camp (and usually participate in cooking groups).



## Scholarships are available for KU Students!

Scholarships are available to KU students and paid positions as drivers may be available. The class and Harrison Field Station are supported by the Geology Associates Program of the Department of Geology and the KU Endowment Association.

A preliminary Zoom meeting of trip participants will take place in April. At that time, a list of required materials, along with scholarship and driver information will be provided.

Applications for drivers and scholarships are due before May 1.



Scan for More Information

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## DEPARTMENT OF GEOLOGY

College of Liberal Arts  
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Professional Science Masters in  
Environmental Geology

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