

## **Engr 616: Isotope Hydrogeology**

### **[School of Engineering](#)**

Applications of stable and radioactive isotopes for solving environmental and low-temperature geologic problems. Problems that will be addressed include measurement techniques and limitations, tracing the origin of water and contaminants in natural systems, applications for global climate change and paleoclimates, quantifying infiltration and groundwater travel rates, and age dating of water.

3 Credits

### **Instruction Type(s)**

- Lecture: Lecture for Engr 616

### **Subject Areas**

- [Engineering, General](#)
- [Geological Engineering](#)
- [Geology/Earth Science, General](#)

