

# Water Science (WATER)

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## Courses

### **WATER 644. Geochemistry of Natural Waters. 3 Credits.**

This class will explore the theory and application of aqueous geochemistry principles to the study of surface and groundwater systems at low to moderate temperatures. The class will focus on inorganic processes including the hydrologic cycle, chemical weathering, chemical activities in natural waters, thermodynamics, kinetics, acid/base equilibria, carbonate chemistry, acid water systems, heavy metals, redox reactions, saline waters, and ancient fluids preserved in fluid inclusions.

P: GEOSCI 202, CHEM 211 & CHEM 212

Fall Even.