



### ***Twin Cities Campus***

## **Water Science Minor**

*Soil, Water, & Climate*

### **College of Food, Agricultural and Natural Resource Sciences**

- Program Type: Undergraduate free-standing minor
- Requirements for this program are current for Spring 2012
- Required credits in this minor: 20

The minor provides students the opportunity to broaden their expertise in the area of water science. Students interested in qualifying as a hydrologist should determine the exact requirements for the Minnesota civil service position by checking the Hydrologist I (Hydrogeology) and Hydrologist I (Water Resources) position descriptions.

Students must complete at least 20 credits for the minor.

## **Program Delivery**

This program is available:

- via classroom (the majority of instruction is face-to-face)

## **Minor Requirements**

### **Minor Courses**

[FNRM 3114](#) - Hydrology and Watershed Management (3.0 cr)

[EEB 5601](#) - Limnology (3.0 cr)

or [ESCI 4702](#) - General Hydrogeology (4.0 cr)

[ESPM 5555](#) - Wetland Soils (3.0 cr)

or [SOIL 5232](#) - Vadose Zone Hydrology (3.0 cr)

### **Electives**

Courses used to fulfill requirements above cannot be chosen to fulfill electives.

Take 11 or more credit(s) from the following:

- [CEGE 5541](#) - Environmental Water Chemistry (3.0 cr)
- [EEB 5605](#) *{Inactive}* (2.0 cr)
- [ESPM 4061W](#) - Water Quality and Natural Resources [ENV, WI] (3.0 cr)
- [ESPM 4216](#) - Contaminant Hydrology (3.0 cr)
- [ESPM 5131](#) *{Inactive}* (3.0 cr)
- [GEOE 4351](#) *{Inactive}* (3.0 cr)
- [FNRM 5153](#) - Forest Hydrology & Watershed Biogeochemistry (3.0 cr)  
or [ESCI 4702](#) - General Hydrogeology (4.0 cr)
- [ESPM 5555](#) - Wetland Soils (3.0 cr)  
or [SOIL 5232](#) - Vadose Zone Hydrology (3.0 cr)