



## Water Science *minor*

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### Multiple Credentials

Any additional major, minor or certificate in a degree must have at least 6 credits of course work not used to meet the requirements of another major, minor or certificate in the degree.

Required Credits: 18

Required GPA: 2.00

### I REQUIRED COURSES

Note: The Water Science minor is not available to students pursuing the Environmental Studies major with the Geohydrology or Environmental Health and Toxicology emphasis.

Choose one of the following courses:

- GEOL 3211 Environmental Hydrology (3 credits)  
or GEOL 3212 Hydrogeology (3 credits)

Choose one of the following courses:

- ENVR 4110 Environmental Chemistry (3 credits)  
or ENVR 4220 Sampling and Analysis (4 credits)  
or ENVR 4500 Environmental Toxicology (4 credits)

### II REQUIRED ELECTIVES

Complete additional credits from the following courses not taken above for an overall total of 18 credits:

- BIOL 3361 Limnology (4 credits)
- BIOL 3362 Streams and Rivers (4 credits)
- ENVR 3710 Indigenous Environmental Knowledge: Global Perspective (3 credits)  
or INST 3710 Indigenous Environmental Knowledge: Global Perspective (3 credits)
- BIOL 3840 Wetlands Ecology (3 credits)  
or ENVR 3840 Wetlands Ecology (3 credits)
- BIOL 3844 Wetlands Ecology Lab (1 credit)
- ENVR 4110 Environmental Chemistry (3 credits)
- ENVR 4200 Wastewater Treatment (3 credits)
- ENVR 4220 Sampling and Analysis (4 credits)
- ENVR 4500 Environmental Toxicology (4 credits)
- GEOG 3125 Weather and Climate (3 credits)
- GEOL 1110 Physical Geology (4 credits)
- GEOL 1120 Intro to Fossils and History of Planet Earth (4 credits)
- GEOL 3120 Soils (4 credits)
- GEOL 3211 Environmental Hydrology (3 credits)
- GEOL 3212 Hydrogeology (3 credits)
- GEOL 3400 Glacial and Pleistocene Geology (3 credits)
- GEOL 3600 Stratigraphy and Sedimentation (3 credits)
- GEOL 3700 Environmental Geophysics (3 credits)
- GEOL 4300 Global Environmental Change (3 credits)
- GEOL 4910 Directed Independent Study (3 credits)
- GEOL 4970 Internship (3 credits)  
or ENVR 4970 Internship (3 credits)