

# WATER AND THE ENVIRONMENT UNDERGRADUATE ACADEMIC CERTIFICATE

The proposed certificate is designed to give students a broad overview of water in the environment, as well as a credential that could be beneficial when applying for positions after graduation in both the public and private sectors, such as environmental or geologic consulting companies.

All required coursework must be completed with a grade of C or better (O-10-a (<https://catalog.uidaho.edu/general-requirements-academic-procedures/o-miscellaneous/>)).

Code	Title	Hours
GEOL 3090	Ground Water Hydrology	3
GEOL 4100	Groundwater Field Methods	3
or GEOL 4130	Environmental Hydrogeology	
or HYDR 4120	Environmental Hydrogeology	
SOIL 4500	Environmental Hydrology	3
or CE 3250	Fundamentals of Hydrologic Engineering	
or FOR 4600	Watershed Science and Management	
Select one of the following:		3
BE 4530	Northwest Climate and Water Resources Change	
FISH 4150	Limnology	
FOR 4600	Watershed Science and Management	
GEOL 4240	Advanced Topics in Sedimentary Rocks	
GEOL 4310	Chemical Hydrogeology	
GEOL 4740	Stable Isotopes in the Environment	
HYDR 4090	Quantitative Hydrogeology	
SOIL 4440	Water Quality in the Pacific Northwest	
SOIL 4480	Drinking Water and Human Health	
<b>Total Hours</b>		<b>12</b>

## Courses to total 12 credits for this certificate

- Familiarity with the hydrologic cycle and the relation of surface water and groundwater that influences water quantity and water quality.
- An understanding of water resources and their relevance to human health, ecosystems, and our food supply.