

WATERSHED SCIENCE, MINOR

College of Agricultural & Environmental Sciences

Will Horwath, Chairperson
Susan Ustin, Vice Chairperson

Faculty (<http://lawr.ucdavis.edu/people/faculty/hydrology/>)

The Hydrology Program of the Department of Land, Air & Water Resources offers the minor in Watershed Science. This minor is intended for environmental, natural, or social science students who have an interest in the interfaces between hydrology, ecology, policy and management. The interested student should have completed preparatory course work in calculus (MAT 016B), chemistry (CHE 002A; CHE 002B recommended), physics (PHY 007A), and biology (BIS 002A). Course work in the minor provides fundamental skills and knowledge on the science and management of watersheds in the context of current water resources and ecological problems.

Code	Title	Units
Hydrology		
HYD 124 or HYD 151	Plant-Water-Soil Relationships Field Methods in Hydrology	4
HYD 141 or ESM 100	Physical Hydrology Principles of Hydrologic Science	4
HYD/EBS 144 or SSC 107	Groundwater Hydrology Soil Physics	4-5
Soils Science		
SSC 100 or SSC 118	Principles of Soil Science Soils in Land Use & the Environment	4-5
Choose one:		4
HYD 143	Ecohydrology	
ESM/PLS 144	Trees & Forests	
ESP 151	Limnology	
Choose one:		3-4
HYD 150	Water Law	
ESM 121	Water Science & Management	
ESP 161	Environmental Law	
Total Units		23-26