

WATERSHED - CERTIFICATE

The goal of the Watershed Certificate is to provide a rigorous and high quality program that will produce graduates capable of working as a professional in watershed or hydrology fields, but with very solid scientific and ecological foundation. Graduates will be qualified to work in government or consulting or if they choose, be prepared to pursue graduate training in any watershed/hydrology science program. Training will be built on a solid foundation in watershed management and hydrology.

Program Requirements

Code	Title	Semester Credit Hours
Required Courses:		
ESSM 301	Wildland Watershed Management	3
ESSM 305	Watershed Analysis and Planning	3
SCSC 301	Soil Science	4
Select two of the following: ¹		6
ATMO 201	Weather and Climate	
BESC 320	Water and the Bioenvironmental Sciences	
BESC 403	Sampling and Environmental Monitoring	
ESSM 311	Biogeochemistry and Global Change	
ESSM 420	Ecological Restoration of Wetland and Riparian Systems	
ESSM 440	Wetland Delineation	
GEOG 324	Global Climatic Regions	
GEOG 331	Geomorphology	
GEOG 370/ MARS 370	Coastal Processes	
GEOG 400	Arid Lands Geomorphology	
GEOG 434	Hydrology and Environment	
GEOL 420	Environmental Geology	
GEOL 410	Hydrogeology	
RENH 470	Environmental Impact Assessment	
WFSC 414	Ecology of Lakes and Rivers	
WFSC 428	Wetland Ecosystem Management	
Total Semester Credit Hours		16

¹ Check each course for required prerequisites