

# MINOR IN WATERSHED SCIENCE

## Requirements Effective Fall 2025

Students must satisfactorily complete the total credits required for the minor. Minors and interdisciplinary minors require 12 or more upper-division (300- to 400-level) credits.

Code	Title	Credits
<b>Lower Division</b>		
STAT 158	Introduction to R Programming	1
WR 204/GR 204	Sustainable Watersheds (GT-SC2)	3
Choose one course from the following:		3-4
ESS 210/GR 210	Physical Geography	
GEOL 110	Introduction to Geology-Parks and Monuments (GT-SC2)	
GEOL 120	Geology and Society (GT-SC2)	
GEOL 122	Geoscience–Climate and Environmental Change (GT-SC2)	
GEOL 124	Earth Resources and Sustainability (GT-SC2)	
GEOL 150	Dynamic Earth (GT-SC2)	
<b>Upper Division</b>		
WR 416	Land Use Hydrology	3
WR 486	Watershed Field Practicum	2
Select at least 9 credits from the following:		9
AREC 342	Water Law, Policy, and Institutions	
ATS 350	Introduction to Weather and Climate	
ATS 351	Introduction to Weather and Climate Lab	
BZ 471	Stream Biology and Ecology	
BZ 472	Stream Biology and Ecology Laboratory	
CHEM 334	Quantitative Analysis Laboratory	
CIVE 322	Basic Hydrology	
CIVE 423	Groundwater Engineering	
CIVE 440	Nonpoint Source Pollution	
ESS 474	Limnology	
ESS 523A	Environmental Data Science Applications: Introduction	
ESS 523B/ SOCR 523B	Environmental Data Science Applications: Food and Agriculture	
ESS 523C/ WR 523C	Environmental Data Science Applications: Water Resources	
GEOL 452	Hydrogeology	
GEOL 454	Geomorphology	
GR 410	Climate Change: Science, Policy, Implications	
NR 310	Ecosystem Services and Human Well-Being	
NR 320	Natural Resources History and Policy	
SOC 461	Water and Social Justice	
SOCR 470	Soil Physics	
SOCR 471	Soil Physics Laboratory	

WR 406	Seasonal Snow Environments	
WR 417	Watershed Measurements	
WR 418	Land Use and Water Quality	
WR 474	Snow Hydrology	
WR 511	Water Resource Development	
WR 512	Water Law for Non-Lawyers	
WR 514	GIS and Data Analysis in Water Resources	
WR 575	Snow Hydrology Field Methods	
<b>Program Total Credits:</b>		<b>21-22</b>