

# HYDROLOGY CONCENTRATION

ERSC 442	Applied Environmental Groundwater Hydrology	4
or ERSC 443	Applied Environmental Contaminant Transport	
Select from the following:		4
MATH 142	Calculus II <sup>1</sup>	
MATH 162	Calculus for the Life Sciences II	
NR 320	Watershed Processes and Management	4
NR 420	Watershed Assessment and Protection	4
PHYS 122	College Physics II	4
or PHYS 142	General Physics II	
SS 431	Digital Soil Mapping	4
or SS 440	Forest and Range Soils	
<b>Approved Electives <sup>1</sup></b>		
Select from the following:		8
BRAE 331	Irrigation Theory	
BRAE 340	Irrigation Water Management	
BRAE 345	Aerial Photogrammetry and Remote Sensing	
BRAE 435	Drainage	
BRAE 532	Water Wells and Pumps	
ERSC 423	Geomorphology	
ERSC 442	Applied Environmental Groundwater Hydrology	
ERSC 443	Applied Environmental Contaminant Transport	
NR 400	Special Problems for Advanced Undergraduates	
NR/CRP 408	Water Resource Law and Policy	
NR 422	Stream Measurements and Water Quality Monitoring	
NR/RPTA 472	Leadership Practice	
SS/BIO/NR 421	Wetlands	
SS 431	Digital Soil Mapping	
SS 440	Forest and Range Soils	
<b>Total units</b>		<b>32</b>

<sup>1</sup> If a course is taken to meet a Major requirement, it cannot be double-counted in the concentration.