HYDROLOGY CONCENTRATION

ERSC 442  Applied Environmental Groundwater Hydology  4
or ERSC 443  Applied Environmental Contaminant Transport

Select from the following:  4
MATH 142  Calculus II 1
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 132  General Physics II
SS 431  Digital Soil Mapping  4
or SS 440  Forest and Range Soils

Approved electives 1

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 323  Geomorphology
ERSC 442  Applied Environmental Groundwater Hydology
ERSC 443  Applied Environmental Contaminant Transport
NR 400  Special Problems for Advanced Undergraduates
NR/CRC 408  Water Resource Law and Policy
NR 422  Stream Measurements and Water Quality Monitoring
PHYS 107  Introduction to Meteorology
SS/BIO/NR 421  Wetlands
SS 431  Digital Soil Mapping
SS 440  Forest and Range Soils

Total units  32

1 If a course is taken to meet a major requirement, it cannot be double-counted in the concentration.