

MASTER'S DEGREE IN ENVIRONMENTAL SCIENCE

Area of Concentration
in
ENVIRONMENTAL GEOLOGY

Prerequisites

Undergraduate major in earth sciences (geology or geography) or related field (e.g., civil engineering, geophysics).

Required Courses

Groundwater Hydraulics and Development (GLG 508)	3
Geomorphology (GLG 554/GEO 524)	3
Regional Land Use Capability Analysis (GEO 537)	3
Techniques and Applications of Remote Sensing (GEO 548)	3
Sub-total of hours	12

Recommended Electives (minimum of 6 hours required)

Climatology (GEO 521)	3
Hydrogeography (GEO 525)	3
Soil Geography (GEO 528)	4
Aerial Photography Interpretation (GEO 547)	4
Solid and Hazardous Waste Management (PPS 540)	3
Limnology (ZOO 563)	4
Field Applications in Hydrogeology (GLG 599)	4
Groundwater flow modeling (GLG 528)	4
Contaminant Hydrogeology (GLG 582/682)	
Geochemistry of Natural Waters (GLG 591)	
Introduction to GIS (GEO 541)	4
Advanced GIS (GEO 542)	
Total Hours	18

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