

**GEOL 4850 – Introduction to Groundwater Hydrology** covers principles of groundwater flow; aquifer properties and characteristics; geology of groundwater occurrence; groundwater development and methods for assessing and remediating groundwater contamination. This course emphasizes applications of basic principles. Upon successful completion of this course, students will be able to: 1. Describe the distribution and occurrence of groundwater; 2. Outline techniques for monitoring groundwater; 3. Apply principles of groundwater flow; and 4. Analyze groundwater pollution problems.