

# GROUNDWATER MANAGEMENT CERTIFICATE

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## Description

Students earning a certificate in Groundwater Management will:

1. Understand the principles of groundwater flow and the movement of contaminants in groundwater; be able to understand the principles in locating and designing municipal production wells.
2. Understand the principles of managing groundwater basins and conjunctive use of surface and groundwater, and be knowledgeable in groundwater rights and groundwater basin adjudication.
3. Apply advanced computer models to groundwater and surface water systems.

## Requirements

To obtain a certificate, students must complete the required courses with a 3.0 grade point average or higher.

Code	Title	Semester Hours
CIVL 628	Groundwater Hydrology and Sustainable Management	3
CIVL 629	Groundwater Contaminant Transport and Remediation	3
CIVL 656		3
<b>Total Semester Hours</b>		<b>9</b>