

WATER QUALITY MANAGEMENT CERTIFICATE

Description

Students earning a certificate in Water Quality Management will:

1. Be knowledgeable in physical, chemical, and microbiological water quality standards, the impact of discharging organic substances and ammonia into surface and ground waters.
2. Understand lake limnology and the principles of water and wastewater treatment.
3. Be knowledgeable in the carbonate cycle in water and equilibrium chemistry.
4. Understand the principles of the movement and fate of chemicals and other contaminants in surface and groundwaters.

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 601	Sustainable Water Quality and Resources	3
CIVL 605	Aquatic Chemistry	3
ENVS 607 or CIVL 608	Environmental Engineering and Science Lab Contaminant Fate, Transport, and Remediation	3
Total Semester Hours		9