

WMA 318: Water Quality Assessment and Pollution Control (2 Units)

Pre-requisite CHM 202

Solvent properties of water, principles of physio-chemical analysis, major ionic components of natural water. Chemistry of natural waters, water quality requirements standards for portable water, irrigation and livestock. Types of water, lithological control of surface and ground water. Water pollution studies; sources, fate, pathways and effects of water pollution, chemical, Mechanical and Biological methods of maintaining and improving water quality.