

# CHEM 371 : Environmental Chemistry & Toxicology

A study of natural and unnatural chemical substances in the environment with particular emphasis on the problem of chemical pollution and its health consequences. Includes air pollution, global warming, water quality, heavy metals, pesticide residues and other organic compounds. Principles of chemical equilibrium and reaction mechanisms emphasized. Learning goals include applying chemical principles and critical thinking to understanding and addressing complex environmental problems, and utilization of modern information sources and modeling software to these problems.

**Credits** 4

**Prerequisites**

Grade of C or better in [CHEM 221](#) and [CHEM 331](#)

**Attributes**

Alternate Year

Pre-req

Research Component

Upper-Level