

ENVS 200: Environmental Monitoring

Study of human effects on the biosphere and the physical and chemical techniques used to monitor environmental quality. Waste disposal, recycling, energy utilization, industrial pollution, pesticide use, water quality, and regulatory instruments such as the Environmental Protection Act. Quantitative monitoring of air, water, and general environmental quality. Analytical methods and use of modern instrumentation, including gas chromatography, mass spectroscopy, high pressure liquid chromatography, and potentiometric methods. This course satisfies the proficiency requirement for Quantitative Literacy in the disciplines.

Credits: 4

Prerequisites:

Chemistry 111.

Program: Geography & Earth & Environmental Sciences