

# CHEM& 110 : Chemical Concepts with Lab

**Credits** 5

**Quarter Offered** Winter, Spring

Introduction to chemistry covering selected principles and their effect on ourselves and our environment. Intended for non-science majors wishing to improve their science literacy and develop a long-term interest in science. Includes online lab. This class may include students from multiple sections. (Natural Sciences with Lab, Elective)

**Prerequisites**

[MATH 90](#) or higher; eligibility for [ENGL& 101](#)

**Course Outcomes**

Communication - Distinguish between opinions, interpretations, and solid evidence.

Quantitative Reasoning - Apply quantitative methods to characterize the behavior of chemical systems.

Information - Identify and use appropriate reference materials to research a topic related to chemistry.

Critical Thinking - Analyze data to explain chemical trends.

Personal & Interpersonal - Synthesize course information and apply it to practical, everyday issues such as climate change, acid rain, air and water pollution, and limited resources on Planet Earth.