

# CHM 310 : Introduction to Instrumental Analysis

Introduction to the theories of analysis by instrumental methods. Basic electronics are applied to chemical measurements. Topics include an introduction to the theory of spectroscopy, ultraviolet, visible, infrared, and others. CHM 310 is an introduction to basic principles and the instrumental design of a variety of analytical techniques, including: electrochemical, spectrochemical (molecular and atomic), chromatographical and mass spectrochemical techniques.

**Credits** 4

**Lab Hours** 1

**Lecture Hours** 3

**Prerequisites**

CHM 212

**Corequisites**

[CHM 310 L](#)