

CHM 302 : Instrumental Analysis

Theory, operation, and application of various instruments used in a laboratory. Topics include infrared spectroscopy, ultraviolet-visible spectrophotometry, spectrophotofluorometry, atomic absorption spectroscopy, emission spectroscopy, nuclear magnetic resonance spectroscopy, mass spectroscopy, gas chromatography, and high performance liquid chromatography. Course consists of both lecture and laboratory components.

Credits 4

Prerequisites

CHM 220 or permission of instructor.