

CHEM 330 : Instrumental Analysis

This course is a survey of the principles, applications, and performance characteristics of instrumental methods. The following topics will be covered in the course: data collection and interpretation, the physics of electromagnetic radiation, UV/Vis and NIR spectroscopy, molecular luminescence spectroscopy, atomic spectroscopy, IR and Raman spectroscopy, chromatographic separations, mass spectroscopy, and NMR spectroscopy. Forensic and environmental applications are emphasized. (Not open to students who have credit for or are currently enrolled in

[CHEM 315](#)

or 335.)

Credits 4.0

Prerequisite Courses

[CHEM 211](#)