

CHEM 4344 : Advanced Analytical Techniques

This advanced course has an applications-focused approach to analytical chemistry with an emphasis on the development of analytical skills useful to any scientific field. A major component of this course will be method development and optimization. Students will be expected to draw on prior knowledge of general and analytical chemistry concepts and laboratory skills. This course will allow the student to delve deeper into the analytical process using a variety of modern analytical techniques and instrumentation to separate, identify, and quantify analytes. Students will be encouraged to select new techniques and instrumentation that involve industrial, clinical and environmental applications. Prerequisites: CHEM 3345/3145.

Credits 3

Course ID

008149

Requisites

[CHEM 4344](#) Prerequisites: [CHEM 3343](#)/3143

Semester Offered

Spring semester, odd years