

# Chem 469: Introduction to Instrumental Analysis

Introduction to modern analytical instrumentation including chromatography (GL and HPLC), spectroscopy (atomic absorption, infrared, UV-visible, NMR, and fluorescence), and mass spectrometry. Applications of computer methods for data acquisition. (2 lecture, 6 lab hours).

#### 4 Credits Prerequisites

- Chem 314: Quantitative Analysis
- Pre-Requisite: 24 Earned Hours
- Chem 331 or Chem 334

## Instruction Type(s)

• Lecture/Lab: Lecture/Lab for Chem 469

### Course Fee(s) Chemistry

- \$175.00 for:
  - 2014-15: May, Full Summer, First Summer, Second Summer, August
- \$200.00 for:
  - 2015-16: Fall, First Fall, Second Fall, Winter, Spring, First Spring, Second Spring

## **Subject Areas**

<u>Analytical Chemistry</u>

## **Related Areas**

- <u>Chemical Physics</u>
- <u>Chemistry, General</u>
- <u>Chemistry, Other</u>
- Environmental Chemistry
- Forensic Chemistry
- Inorganic Chemistry
- Organic Chemistry
- <u>Physical Chemistry</u>
- <u>Theoretical Chemistry</u>

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