

# Chemistry (CHEM)

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**CHEM 311. Quantitative Analysis. 4 Credits.**

Introduction to the theory and laboratory techniques of volumetric, gravimetric, and spectrophotometer methods of analysis. Prerequisites: Chem 122 and Chem 124. This course does meet the laboratory science requirement. Course Fee: \$20.00.

Course Fees: \$21.50

**CHEM 312. Quant & Instrumental Analysis. 4 Credits.**

Continuation of CHEM 311. Further examination of the theory and laboratory techniques of volumetric, gravimetric, and spectrophotometric methods of analysis. Examines the chemical principles dealing with non-aqueous processes, electrochemical principles, and instrumental techniques. Offered alternate years. Prerequisite: CHEM 311. This course does meet the laboratory science requirement. Course Fee: \$20.00.

Course Fees: \$21.50

**CHEM 331. Biochemistry II. 3 Credits.**

Continuation of Biochemistry (BCH) 360. Prerequisite: BCH 360. This course does not meet the laboratory science requirement.

**CHEM 351. Instrumental Analysis. 3 Credits.**

Modern methods of chemical analysis with emphasis on spectrometric, electrometric, and chromatographic techniques of analytical chemistry. Offered alternate years. Prerequisite: CHEM 311. This course does meet the laboratory science requirement.

**CHEM 356. Physical Chemistry. 3 Credits.**

An introduction to Physical chemistry emphasizing the quantitative aspects of thermodynamics, kinetic processes, equilibrium situations, and electrochemical phenomena. Prerequisite: CHEM 311. This course does meet the laboratory science requirement.

**CHEM 590. Special Topics. 1-12 Credits.****CHEM 599. Independent Study. 1-12 Credits.****CHEM 690. Special Topics. 1-12 Credits.****CHEM 699. Independent Study. 1-12 Credits.**