

CHEM 231 Organic Chemistry I

CHEM 231 ORGANIC CHEMISTRY I

Introduction to the chemistry of hydrocarbons with emphasis on structure and reactivity of alkanes, alkenes, alkynes, alkyl halides, and conjugated systems. Mechanisms, stereochemistry and spectroscopy are an integral part of the course. Basic synthesis, separation, purification and spectroscopic techniques are introduced in the laboratory. Designed as the first semester of a one-year organic chemistry sequence. *Letter Grade Only. Degree Credit.*

Units: 5

Hours/semester: 48-54 Lecture; 96-108 Lab; 96-108 Homework

Prerequisites: CHEM 220

Recommended: Eligibility for ENGL 100.

AA/AS Degree Requirements: Area B1, B3

Transfer Credit: CSU (CSU GE Area B1, B3), UC (IGETC Area 5A, 5C)

C-ID: CHEM 150; CHEM 160S (both CHEM 231 + 232)

