

# CHM 221: Organic Chemistry I

This is the first course in a two-semester sequence. Topics in this course include nomenclature, structure, physical and chemical properties, synthesis, and typical reactions for the hydrocarbon functional groups, with special emphasis on reaction mechanisms, spectroscopy, and stereochemistry. Laboratory is required and will include the synthesis and confirmation of representative organic compounds with emphasis on basic organic laboratory techniques. As required.

**Credits:** 4

**Transfer Code:** Code B

**Lab Hours:** 3

**Lecture Hours:** 3

**Prerequisites:**

A grade of "C" or better in CHM 112 (College Chemistry II) or the equivalent

**Program:** [Chemistry](#)