

# CHM 222: Organic Chemistry II

This is the second course in a two semester sequence. Topics in this course include nomenclature, structure, physical and chemical properties, synthesis, and typical reactions for functional groups containing oxygen, phosphorus, sulfur, halogen and nitrogen. Special emphasis on reaction mechanisms, spectroscopy, and stereochemistry is included. 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 221 (Organic Chemistry I) or the equivalent

**Program:** Chemistry