

CHEM 302: Organic Chemistry II

This course is continuation of CHEM 301 that provides a deeper overview of organic chemistry to students interested in pursuing careers in the sciences, engineering, or medical fields. We will specifically explore the synthesis and reaction mechanisms of aromatic compounds and organic molecules with carbonyl and carboxylic acid functional groups. Students will learn how to plan for multi-step synthetic pathways to form a given organic molecule and the reaction mechanisms involved. A complementary laboratory will reinforce content.

Units: 3

Prerequisites:

[CHEM 150](#), [CHEM 150L](#), and [CHEM 301](#)

Program: [Chemistry](#)