

CHEM 224/CHEM 225 : Organic Chemistry II/Organic Chemistry II Laboratory

This course, Organic Chemistry II, is a continuation of the material covered in [CHEM 222](#). Both constitute the one-year organic chemistry required by most professional schools. Lecture topics include but not limited to the structure, reactivity and synthesis of carbonyl compounds (Aldehydes, ketones, carboxylic acids, anhydrides, acyl halides, esters and amides), amines, aromatic compounds, and biologically related molecules (Carbohydrates, amino acids, and proteins). The course will also provide an introduction to spectroscopy used for the characterization of chemical structures in organic chemistry.

This course, Organic Chemistry II Laboratory, is meant to reinforce some of the organic chemistry concepts in [CHEM 224](#), especially characteristic reactions used in identifying the different functional groups in organic chemistry. Students will carry out physical and chemical experimental methods, used to identify organic compounds and also carry out some reactions that would synthesize some specific organic compounds.

Core Course
Credits 4