Nebraska Wesleyan University

CHEM 3090 Organic Chemistry III: Intermediate Organic Chemistry

Catalog

2025-2026

Course Description

The application of infrared, 1H NMR, 13C NMR, and mass spectrometry to molecular structure determination are presented. Emphasis is placed on the interpretation of spectra to determine structures of organic molecules. The laboratory involves the use of the spectrometers, and problem solving with discussion groups.
One lecture and one three-hour lab per week.
Prerequisite(s): CHEM 2110 Organic Chemistry II: Synthesis and Mechanisms with a grade of "C-" or better.
(Normally offered each spring semester.)

Course Hours

2 hours

Departments

1. Chemistry