Nebraska Wesleyan University

CHEM 4800 Advanced Research

Catalog

2025-2026

Course Description

A hands-on research course in which you will actively explore an independent research project. Weekly lectures will provide training on assessing primary literature, experimental design, and scientific communication to support your project and a greater understanding of the rewards and challenges of laboratory research. Work will culminate in a formal summary of your discoveries in the form of a scientific paper and formal presentation. One 3-hour lab and one 1-hour lecture per week.

Prerequisite(s): CHEM 2110 Organic Chemistry II: Synthesis and Mechanisms with grade of C or better.

Archway Curriculum: Essential Connections: Experiential Learning: Intensive

Course Hours

2 hours

Departments

1. Chemistry