Nebraska Wesleyan University

CHEM 3520 Physical Chemistry II, Quantum Chemistry and Spectroscopy

Catalog

2022-2023

Course Description

An introduction to quantum chemistry and an exploration of the theoretical concepts of selected spectroscopic techniques presented using a calculus-based, mathematical treatment.
Three lectures per week.
Prerequisite(s): CHEM 3510 Physical Chemistry I, Thermodynamics and Kinetics, CHEM 3510L Physical Chemistry Laboratory and MATH 1610 Calculus II.
(Normally offered in the spring semester of odd years.)

Archway Curriculum: Integrative Core: Innovation Thread

Course Hours

3 hours

Departments

1. Chemistry