

Course:

**CHEM 222 Physical Chemistry II, Quantum Chemistry and Spectroscopy**

3 hours

Majors, Minors & Degrees:

**Majors**

Chemistry (B.S.)

Departments/Programs:

Chemistry

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 121 Organic Chemistry II: Synthesis and Mechanisms and MATH 106 Calculus II.*