

# Chem 544: Chemical Applications of Group Theory

## Chemistry & Biochemistry

Introduction to the principles of symmetry and group theory and their application to the description of molecular structure in terms of the chemical bonding models (VB, MO, and LF) and spectral properties (magnetic, vibrational, and electronic).

3 Credits

### Prerequisites

- Pre-requisite: Chem 401 or Graduate Standing
- Prerequisite: Junior standing (60 hr).
- Chem 401

### Instruction Type(s)

- Lecture: Lecture for Chem 544

### Subject Areas

- [Theoretical Chemistry](#)
- [Physical Chemistry](#)

### Related Areas

- [Analytical Chemistry](#)
- [Chemical Physics](#)
- [Chemistry, General](#)
- [Chemistry, Other](#)
- [Environmental Chemistry](#)
- [Forensic Chemistry](#)
- [Inorganic Chemistry](#)
- [Organic Chemistry](#)

