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
- Chem 401

Instruction Type(s)

- Lecture: Lecture for Chem 544

Subject Areas

- Theoretical Chemistry
- Physical Chemistry

Related Areas

- Analytical Chemistry
- Chemical Physics
- Chemistry, General
- Environmental Chemistry
- Forensic Chemistry
- Inorganic Chemistry
- Organic Chemistry

The University of Mississippi is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award certificates and baccalaureate, master's, specialist, and doctoral degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097, call 404-679-4500, or visit online at www.sacscoc.org for questions about the accreditation.