

# 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
- <u>Chemical Physics</u>
- <u>Chemistry, General</u>
- Environmental Chemistry
- Eorensic 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.

