

After completing CHEM 234, students will be able to:

- Apply hybridization, molecular orbital theory, resonance, molecular geometry, electronegativity and polarity to representative organic molecules.
- Identify different functional groups.
- Use curved arrow notation to illustrate reaction mechanisms.
- Use the IUPAC system to name several classes of organic compounds.
- Identify the main type of organic chemistry reactions.
- Use a variety of rules to predict the outcome of organic chemistry reactions.
- Use a variety of spectroscopic techniques to determine molecular structure.