Organic chemistry studies the structure, properties and reactions of organic compounds, which contain carbon in covalent bonding. The study of structure determines their chemical composition and formula and the study of properties includes physical and chemical properties, and evaluation of chemical reactivity to understand their behavior. The study of organic reactions includes the chemical synthesis of natural products, drugs, and polymers, and study of individual organic molecules in the laboratory and via theoretical (in silico) study.

- **Exercises: Organic Chemistry**

- **Supplemental Modules (Organic Chemistry)**

- **Organic Chemistry Lab Techniques (Nichols)**

- **Book: Organic Chemistry Nomenclature Workbook (O'Donnell)**
Book: How to be a Successful Organic Chemist (Sandtorv)

- Organic Chemistry with a Biological Emphasis (Soderberg)

- Book: Basic Principles of Organic Chemistry (Roberts and Caserio)

- Organic Chemistry (McMurry)
- Map: Organic Chemistry (Wade)
- Map: Organic Chemistry (Vollhardt and Schore)
- Book: Virtual Textbook of OChem (Reusch) UNDER CONSTRUCTION
Organic Chemistry I (Liu)

• Map: Organic Chemistry (Bruice)

• Map: Essential Organic Chemistry (Bruice)

• Map: Organic Chemistry (Smith)
Book: Logic of Organic Synthesis (Rao)

Book: Complex Molecular Synthesis (Salomon)
• Book: Catalytic Asymmetric Synthesis (Punniyamurthy)

• Book: Radical Reactions of Carbohydrates (Binkley)

• Book: Polymer Chemistry (Schaller)

• Organic Chemistry I (Cortes)
OCLUE: Organic Chemistry, Life, the Universe, and Everything (Copper and Klymkowsky)