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.

• Supplemental Modules (Organic Chemistry)

• Exercises: Organic Chemistry

• Book: Organic Chemistry Lab Techniques (Nichols)

• Book: How to be a Successful Organic Chemist (Sandtorv)
Map: Organic Chemistry (Vollhardt and Schore)

• Book: Virtual Textbook of OChem (Reusch) UNDER CONSTRUCTION

• Book: Organic Chemistry - A "Carbonyl Early" Approach (McMichael)

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

• Map: Essential Organic Chemistry (Bruice)

• Map: Organic Chemistry (Smith)

• Book: Catalytic Asymmetric Synthesis (Punniyamurthy)
• Book: Radical Reactions of Carbohydrates (Binkley)

• Book: Polymer Chemistry (Schaller)

• Significance and Implications of Vitamin B-12 Reaction Schema: ETH Zurich Variant (Ferguson)

• Book: Organic Chemistry Nomenclature Workbook (O'Donnell)

• Organic Chemistry I (Cortes)