

CHEM 304 : Descriptive Inorganic Chemistry

The important phenomena of modern inorganic chemistry are systematically discussed. These include quantum theory, structure and bonding theories including valence bond theory and molecular orbital theory, symmetry, reduction/oxidation chemistry, acid-base chemistry, solid state chemistry, bioinorganic chemistry, and transition metal chemistry including magnetism and electronic spectroscopy. (Three lectures and three hours of laboratory per week.)

Credits 4.0

Prerequisites

CHEM 101 and 102.