A study of the basic concepts of general, organic, and biological chemistry. Topics include electronic structure of atoms and molecules, periodicity of the elements, states of matter, kinetics, equilibria, acids and bases, organic functional groups, stereochemistry, carbohydrates, lipids, proteins, and enzymes. Topics are presented with an emphasis on application to the allied health professions.
4. Structure and Function

5. Properties of Compounds

6. Energy and Properties

7. Solids, Liquids, and Gases
8: Properties of Solutions

9: Equilibrium Applications

10: Nuclear and Chemical Reactions

11: Properties of Reactions
12: Organic Reactions

13: Amino Acids and Proteins

14: Biological Molecules

15: Metabolic Cycles

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