

CHM 122 General Inorganic Chemistry (2 Units)

Department of Chemistry

Covenant University

1. CHM122

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Chemical bonding and structure: ionic, covalent, coordinate covalent (dative), metallic, hydrogen bonding. General properties of compounds formed by the different types of bonding. Influence of bonding on size, shape and structure. Main Group Chemistry (Groups IA–VIIIA): trends in the properties of elements (structure, ionization energies, physical and chemical properties). Properties of selected types of compounds.