

Course Number	Course	Credit hours	Prerequisite
0300131	General Chemistry 1	3	--

This course teaches the basics of modern chemistry. It covers the following topics: atomic masses and molecular masses, the mole concept, chemical reactions and stoichiometry, acid-base reactions, oxidation-reduction reactions, metathesis reactions, ideal gas law, properties and reactions of gases, electronic configuration of elements. The periodic properties of the elements, types of chemical bonding and the theories of bonding.