

FCE 182: Chemistry IB Course Description

The course covers the following key areas; Organic Chemistry: Significance of saturated and unsaturated hydrocarbons, phenols, alcohols, ketones, aldehydes, organic nitrogen compounds, organic halogen compounds; structures and characteristics of carbohydrates, proteins, and lipids. Applied Chemistry: Introduction to polymer science, hard and soft water (causes and treatment), electro-chemistry, the nitrogen cycle, fuels, fertilizers, soaps and non-soapy detergents, aerobic and anaerobic digestion.