



CHAPTER 1: INTRODUCTION TO CHEMISTRY



Extra Info

Careers related to chemistry

(a) Biochemist

A biochemist is a scientist who studies chemical processes and chemical transformations in living organisms. Biochemists are always conducting research, analysis and experimentation to develop biochemical products and processes. Understanding biochemistry requires a good understanding of organic and inorganic chemistry. A biochemist is always required in the pharmaceutical and biotechnology industry.

(b) Pharmacist

A pharmacist is a person who makes up a prescription and dispenses medication to patients. Pharmacists also give counselling to patients on the proper way of taking medicines and the effects of the medicines on the patients. A pharmacist needs a strong knowledge of chemistry and related sciences such as pharmacology. They are usually required in the pharmaceutical industry.

(c) Nutritionist

A nutritionist is a scientist who studies and is involved in food and nutritional science. Nutritionists use the scientific method to study nutrients. Nutritionists have been involved in developing food preservation processes. Nutritionists are usually required in related fields such as biochemistry, agriculture and food science.

(d) Geologist

A geologist is a person who studies the science of the physical structure and processes of the Earth. Geologists are always conducting research, analysis, and experimentation on rocks, minerals and landforms. Geologists are required to have knowledge of physics, mathematics, chemistry and biology. Geologists are required in construction sites, environmental remediation projects, and natural disaster preparedness.

(e) Geneticist

A geneticist is a scientist who studies the science of heredity and variation of organisms. A geneticist is required to have knowledge from many areas, such as biology, chemistry, physics and mathematics. There are many jobs available to geneticists in medicine, agriculture, wildlife, general sciences or many other fields.