Chemistry

Chemistry is a science devoted to the manufacturing and evaluation of compounds and materials. Chemists have created new types of materials such as Teflon and have synthesized molecules for treating cancer such as derivatives of Taxol. Chemists are also involved in making measurements crucial toward determining the presence of hazardous pollutants in our environment and the safety of our food and water supplies. Chemistry is at the forefront in developing and advancing new technologies to solve problems in agriculture, medicine, electronics, energy and forensics.

A student considering a career in chemistry should have a strong curiosity about the nature of how things work, good problem solving skills and most important of all—a desire to learn. Some background in mathematics and physics is beneficial as these subjects facilitate an understanding of chemistry, which is often called the Central Science because of its importance in understanding both the physical and biological sciences. For this reason alone, chemists are employed in all phases of our economy—industry, government and education (both high school and college).

The Department of Chemistry offers BS degrees in:

1. Biochemistry
2. Medicinal and Biophysical Chemistry
3. Chemistry, with options in:
   a. American Chemical Society (ACS) Approved
   b. Pre-Health/Pre-Law
   c. Secondary Teacher Certification