



CHEMISTRY, BIOCHEMISTRY and NATURAL SCIENCE

Why study chemistry?

Chemistry is the study of the properties and behavior of atoms and molecules, and it provides understanding of the material substances that make up our physical and biological world. The science is central to the development of new materials and medicines and provides illumination on many of today's global issues, including the environment and energy. By studying chemistry, students learn the general nature of chemical investigation and some of its important results, and they develop analytic and problem solving skills.

What can you do with a chemistry degree?

Chemistry graduates work in a vast range of fields including academia (teaching at schools, colleges and universities), the chemical industry, health professions, the pharmaceutical industry, research institutions, government, business and law.

Chemistry is an excellent choice for students planning careers in health professions such as medicine, pharmacy, dentistry, optometry and veterinary medicine. Learning chemistry develops quantitative and analytical skills that will be useful in entrance exams and for success in the health professions.

Recent SXU alumni are in graduate, PharmD and Ph.D. programs at the University of Illinois-Chicago, the University of Indiana at Bloomington and Purdue University. Other recent graduates are employed as chemists at Citgo, Silliker and Valspar Paint.

Why study chemistry at SXU?

- Emphasis is placed on hands-on experience using sophisticated analytical and biochemical instrumentation.
- Opportunities abound for research with faculty and presenting the results of this research at national, regional and local conferences. Students have conducted research on medicinal herbs, commercial wines and commercially available flavored green teas and presented their results at national conferences.
- A strong peer community is enhanced by an American Chemical Society student chapter. The ACS chapter lets students network and learn more about career opportunities and graduate school programs. Saint Xavier's ACS chapter has organized tours to the U.S. Department of Energy's Fermilab and Abbott Laboratories.
- Students have peer leadership opportunities as tutors and group leaders.