

Chemistry

The chemistry program offers intensive training in all the major areas of chemistry (analytic, inorganic, physical, and organic) with a variety of advanced electives and research opportunities for students with special interests. It is designed to provide a superior preparation for a chemistry-related career or for subsequent graduate studies. The department is accredited by the American Chemical Society.

The chemistry graduate may enter a variety of fields including research, teaching, commercial chemical production and development, technical writing, sales, patent law and civil service. A major in chemistry has long been recognized as an excellent preparation for medical school. It may also serve advantageously as a background for graduate study in business administration or chemical engineering.

Some facts and figures:

1) About 50 percent of our graduates go on to graduate school. Many attend some of the most prestigious institutions in the country

(e.g. Yale, Cornell, University of Chicago, Minnesota, etc.) The other 50 percent of our graduates go directly into industry. We have, as far as we know, a 100 percent placement record for the Canisius chemistry graduates.

2) Graduate students in chemistry get paid for going to school. Yes, that's right. It is a little known fact, but it is true that most graduate students earn between \$10-12,000 a year with tuition waved in general. On average, it takes four to five years after undergraduate studies to earn a Ph.D. in chemistry.

3) The unemployment rate among Ph.D. chemists is usually less than one percent. For chemists in general, it is traditionally well below the national average.

4) A new Ph.D. entering the work force can expect a starting salary, in industry, of about \$45,000 a year, plus moving and signing bonuses.

5) Over the past 10 years, 100 percent of our chemistry majors who have applied to medical schools have been accepted.

6) Many employment opportunities exist for chemistry majors within the department. These range from research to clerical work.