

What can you do as a chemist ?

A chemist takes her place in **business, industry, government service, education, or health care.** She may work for an employer as old as the United States or as new as today. She can work for a small firm or a company which employs 100,000 workers. She may work in a large city or a small town in any state in the United States or in most foreign countries.

A chemist can work in the **research, development, manufacture, and marketing** of a wide range of products and processes aimed at improving life:

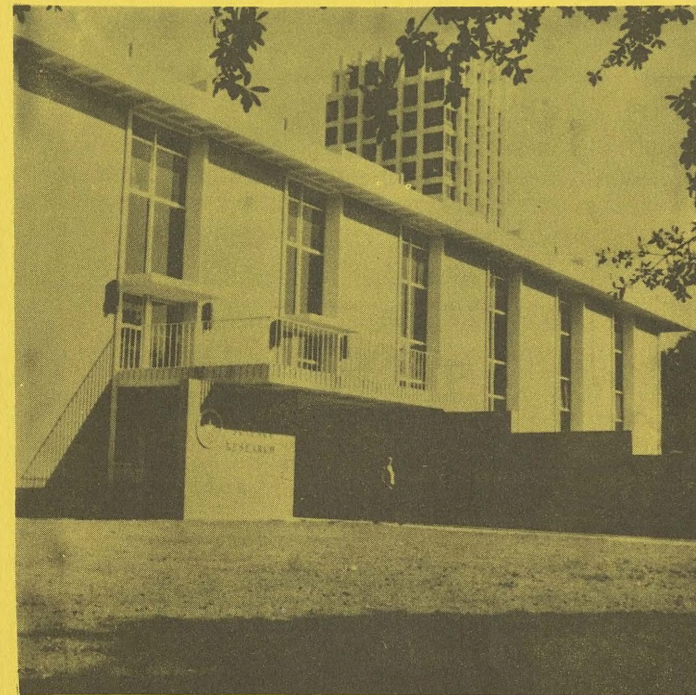
- agricultural and veterinary products
- pharmaceutical and medical products
- industrial or specialty chemicals
- synthetic fibers, dyes, and textile finishes
- petroleum or automotive products
- reagents and chemicals for atomic energy
- plastics
- building and household products
- soft drinks and candy bars
- personal care products
- convenience foods
- rubber and paper products
- ophthalmic and safety products
- photographic products
- industrial, technical, scientific or consumer glass products.

The chemist may also find many rewards in the teaching profession where, even amid recent talk of a "teacher surplus," qualified science and chemistry teachers have remained in short supply.

In addition to the many opportunities which chemistry itself offers, a carefully chosen minor which broadens the development of a student's interests also broadens her career opportunities.

Department of Chemistry
Texas Woman's University
Denton, Texas 76204

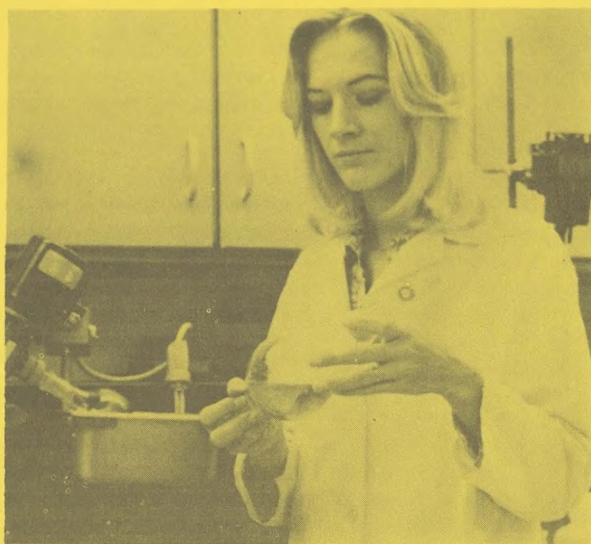
Chemistry and You



Texas
Woman's
University
Bulletin

Denton, Texas

SECOND CLASS POSTAGE
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What does TWU offer a chemistry major?

A VARIETY OF COURSE OPTIONS

Undergraduate chemistry programs at the Texas Woman's University provide students with a full liberal education at the same time that they lay a strong foundation for careers in and through chemistry. Advanced courses, independent study programs, and undergraduate research provide a young woman the opportunity to sample the many specialties available in the field of chemistry—biochemistry, inorganic chemistry, physical chemistry, and other specialties which may be of particular interest to her.

A FULLY ACCREDITED PROGRAM DESIGNED TO MEET INDIVIDUAL NEEDS

Depending on her intellectual and career goals, the student may elect to pursue either a Bachelor of Arts (B.A.) degree or a Bachelor of Science (B.S.) degree. The B.A. degree provides a full general education which includes a core of such courses as philosophy and fine arts whereas a B.S. degree program calls for a concentration in mathematics and science.

The Department of Chemistry offers three different sequences of study which lead to a bachelor's degree—two chemistry majors and a general science major.

The **Professional Certification Sequence** is designed for the student who wishes to pursue a career in the chemical industry or to do graduate work in chemistry. The sequence fulfills the American Chemical Society's requirements for professional training.

The **Premedical Sequence** is designed for students who are preparing for medical or dental school. This sequence may be modified to meet the needs of students who are preparing for certification as secondary school teachers.

The **General Science Major Sequence** is designed primarily for students who wish to teach science in junior or senior high school or who are seeking a full general science background.

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For students who wish to continue their studies beyond the bachelor's degree, the department offers sequences which lead to a Master of Science or Master of Arts in chemistry, a Master of Science in science education, and a Doctor of Philosophy degree.

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The Department of Chemistry is fully accredited by the American Chemical Society.

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FINANCIAL ASSISTANCE

In addition to the University's wide-ranging program of financial assistance, the Department of Chemistry also provides financial aid to students who provide stockroom, laboratory, or research assistance in the department. Special scholarships are also available for upper level chemistry majors.



If you desire additional information about TWU and its programs in Chemistry, please complete this form and return it to

Chairman
Department of Chemistry
Box 23973, TWU Station
Denton, Texas 76204

Name _____

Address _____

Telephone _____

I am presently in

- Junior College
- High School
- Industry

I desire additional information about

- Housing
- Financial Aid
- Career Opportunities
- Admissions