

# School of Natural Sciences and Mathematics

Bachelor of Science / Bachelor of Arts in Chemistry



Merging chemistry, physics, mathematics and computer science, the chemistry program at UT Dallas is designed to instruct the student in how chemical experiments are performed, how results are interpreted and, through its integrated laboratory sequence, to emphasize the importance of interdisciplinary problem solving. The degree program gives students the flexibility to enter industry, go on to graduate school or pursue medical, dental and other degrees in the health sciences.

## Career Potential

Typically, the practice of chemistry in industry deals with the synthesis, analysis and control of the many materials used in our technological society. Depending on which degree is obtained (BA or BS), students can continue on through graduate school or pursue career paths in teaching, research, manufacturing or other avenues of industry.



The University's Career Center is an important resource for students pursuing their careers. Licensed counselors are available to provide strategies for mastering job interviews, writing professional cover letters and resumes and connecting with campus recruiters, among other services.

## Chemistry at UT Dallas

Students must take 120 hours to graduate: 42 hours from the University's core curriculum, 60 hours in the major, plus elective requirements, where students can tailor their learning experience more closely to their interests.

## High School Preparation

High school students need an interest in science and aptitude for biology, chemistry and mathematics. A background in these classes will help ensure success at the undergraduate level.

For complete admission and degree requirements, visit: [utdallas.edu/chemistry](http://utdallas.edu/chemistry)

## Contact Information

### Office of Admission and Enrollment

800 West Campbell Road  
Richardson, TX 75080-3021  
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Email: [interest@utdallas.edu](mailto:interest@utdallas.edu)  
Website: [utdallas.edu/enroll](http://utdallas.edu/enroll)

### Dean Bruce M. Novak

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UT Dallas' School of Natural Sciences and Mathematics offers degree programs for undergraduate and graduate students in biology, chemistry, geosciences, mathematics and physics. In addition to regular coursework, undergraduates are encouraged to participate in research alongside the faculty and graduate students. From the world-renowned Alan G. MacDiarmid NanoTech Institute, headed by Dr. Ray Baughman, to the William B. Hanson Center for Space Sciences—where Dr. John Hoffman helped discover water on Mars—the science education at UT Dallas is a hands-on, high quality experience for undergraduates and graduate students alike.

The UTeach Dallas program offers students the opportunity to complete the requirements for high school teacher certification along with their regular BS or BA degrees.

## Quick Facts about the School of Natural Sciences and Mathematics

- Established in 1975.
- Six departments.
- More than 3,200 students.
- 29 degrees offered.
- Faculty include a Nobel Prize winner and a member of the National Academy of Engineering.

## Degrees Offered

**Bachelor of Science:** Actuarial science, biochemistry, biology, chemistry, geosciences, mathematics, molecular biology, physics

**Bachelor of Arts:** Biology, chemistry, mathematics, physics

**Master of Science:** Actuarial science, bioinformatics and computational biology, biotechnology, chemistry, geosciences, mathematics, molecular and cell biology, physics, statistics

**Master of Arts:** Teaching in mathematics education, teaching in science education

**Doctor of Philosophy:** Chemistry, geosciences, mathematics, molecular and cell biology, physics, statistics

## Certificates

Postbaccalaureate certificate in biomedical science

Graduate certification in data science

## Fast Track to Graduate School

The Fast Track program enables exceptionally gifted UT Dallas students to include master's level courses in their undergraduate degree plans. Students who meet the requirements for admission to graduate school and the minimum GPA requirement for their major can take up to 15 hours of graduate level coursework that can apply toward their undergraduate and graduate level coursework. To take graduate courses in the Fast Track program upper-division undergraduates must have completed 90 semester credit hours and petition their associate dean for permission to take graduate courses.

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