

School of Natural Sciences and Mathematics

Bachelor of Science in Biochemistry



The biochemistry program at UT Dallas is administered through the Department of Chemistry and Biochemistry and draws on faculty from chemistry, biological sciences and researchers from UT Southwestern Medical School to provide courses and research opportunities to its majors.

The biochemistry major bridges the gap between modern chemistry and biology. The curriculum builds on a base of biology, chemistry, physics and mathematics to provide students the opportunity to develop essential theoretical and practical skills. Meeting these goals, the biochemistry program provides students with the flexibility to enter industry, go on to graduate school or pursue medical, dental and other degrees in the health sciences.

Career Potential

Biochemistry graduates from UT Dallas arrive at graduate school or in the work force prepared to work in the biological sciences or chemical sciences, or for entry-level positions in the biotechnology 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.



Biochemistry at UT Dallas

Biochemistry majors may perform their research in the laboratories of faculty members from UT Southwestern biochemistry, internal medicine, pharmacology and physiology departments as available.

Students must take 120 hours to graduate: 42 hours from the University's core curriculum, with the remaining hours divided between major core courses (66 hours) and 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 an aptitude for chemistry, biology, mathematics, computer science and physics. A background in these classes will help ensure success at the undergraduate level.

Contact Information

Office of Admission and Enrollment

800 West Campbell Road
Richardson, TX 75080-3021
Phone: 972-883-2270 or 1-800-889-2443
Email: interest@utdallas.edu
Website: utdallas.edu/enroll

Dean Bruce M. Novak

School of Natural Sciences and Mathematics
The University of Texas at Dallas
800 West Campbell Road
Richardson, TX 75080-3021
Phone: 972-883-2501
E-mail: nsm@utdallas.edu
Website: utdallas.edu/nsm

Dr. Michael C. Biewer

Associate Dean for Undergraduate Studies
Phone: 972-883-2811
E-mail: biewerm@utdallas.edu

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.

Contact Information

Office of Admission and Enrollment

800 West Campbell Road
Richardson, TX 75080-3021
Phone: 972-883-2270 or
1-800-889-2443
Email: interest@utdallas.edu
Website: utdallas.edu/enroll

Dean Bruce M. Novak

School of Natural Sciences and Mathematics
The University of Texas at Dallas
800 West Campbell Road
Richardson, TX 75080-3021
Phone: 972-883-2501
E-mail: nsm@utdallas.edu
Website: utdallas.edu/nsm

Dr. Michael C. Biewer

Associate Dean for Undergraduate Studies
Phone: 972-883-2811
E-mail: biewerm@utdallas.edu