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.
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

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