Bioengineering - Undergraduate

Programs

BACCALAUREATE DEGREE

- Biomedical Engineering BS (https://catalog.uta.edu/archives/2025-2026/engineering/bio/undergraduate/biomed-engineer-bs/)

FAST TRACK

- Biomedical Engineering BS to MS Fast Track (https://catalog.uta.edu/archives/2025-2026/engineering/bio/undergraduate/biomed-engineer-bs-to-ms-fast/)

MINOR

- Biomedical Engineering Minor (https://catalog.uta.edu/archives/2025-2026/engineering/bio/undergraduate/biomed-engineer-minor/)

Bioengineering Undergradauate Policies

In addition to College of Engineering Undergraduate Policies (https://catalog.uta.edu/archives/2025-2026/engineering/#policiestext), the following specific polices apply to Bioengineering students.

COMPETENCE IN ORAL COMMUNICATION AND COMPUTER USE

Completion of COMS 2302 (https://catalog.uta.edu/archives/2025-2026/search/?P=COMS%202302) PROFESSIONAL AND TECHNICAL COMMUNICATION FOR SCIENCE AND ENGINEERING, with a grade of C or better, is required to earn a degree in Biomedical Engineering. Also, successful completion of COMS 2302 (https://catalog.uta.edu/archives/2025-2026/search/?P=COMS%202302) PROFESSIONAL AND TECHNICAL COMMUNICATION FOR SCIENCE AND ENGINEERING meets the University's oral communication requirement.

All Bioengineering students are required to complete BE 1105 MEDICAL APPLICATIONS OF ENGINEERING, and BE 1325 INTRODUCTION TO BIOENGINEERING with a grade of C or better in each. Successful completion of these courses satisfies the University's computer proficiency requirement.

GRADE REQUIREMENTS FOR BE COURSE PREREQUISITES

Biomedical Engineering majors (BE-Intended or BE) may not attempt a BE course until they have earned a grade of C or better in the prerequisite course(s).

REPEATING COURSES

Biomedical Engineering majors (BE-Intended or BE) may not attempt any course more than three times and apply that course toward a degree in Biomedical Engineering. Enrollment in a course for a period of time sufficient for assignment of a grade, including a grade of W, is considered an attempt.

GROUNDS FOR DISMISSAL FROM THE BE PROGRAM

Requirements for grounds for dismissal as a Biomedical Engineering major are governed by the requirements stated under the College of Engineering section of this catalog.

TRANSFER STUDENTS AND TRANSFER CREDIT

When a student transfers to the Bioengineering Department from another department or institution or vice versa, a loss of credit can occur and his/her academic plans may have to be changed. Courses that appear to be similar may be different in either content or level of difficulty and, as a result, cannot be used for degree credit. For transferred courses that cannot be deemed equivalent to a required UTA course in content or in credit hours, students will be required to submit acceptable scores from CLEP, ASE for Undergraduate Advisor's approval. When a student's record indicates weakness in certain areas of study, he/she will be required to retake courses or to take additional courses. Transfer students should contact the Department of Bioengineering after admission and prior to registration.

Transfer students with 24 hours or more of transferable credit must meet the following requirements:

- Completed prerequisites necessary to enroll in MATH 1426 CALCULUS I and PHYS 1443 (https://catalog.uta.edu/archives/2025-2026/search/?P=PHYS 1443) GENERAL TECHNICAL PHYSICS I
- Students for whom English is a primary language must present two high school units in a single foreign language or will be admitted with a foreign language deficiency that must be removed prior to graduation.
- A GPA of 3.0 or above calculated on transferred credits which include at least 15 hours of applicable math, science, and engineering courses.

- Students must be prepared to repeat any transferred courses below a C until a grade of C or higher is obtained prior to enrolling in any course for which such courses are prerequisite.To transfer bioengineering course credits, the limitation on the number of times a course can be repeated is three.

Students who do not meet these criteria will be reviewed and considered on individual merits for admission into the BE Intended (or Pre) Major.

Prior to advising, a transfer student should present to an undergraduate advisor a transcript (official or copy) from each school previously attended. Only the equivalent courses in a program accredited by ABET or equivalent freshman and sophomore courses accepted by the department can be counted toward a degree in Biomedical Engineering. To be acceptable as an equivalent course, it must be equivalent to our corresponding course in credit value and course content. Junior and senior level courses taken at a college or university which does not have a Bioengineering program accredited by ABET cannot be used to satisfy the requirements for a degree in Biomedical Engineering.

A student in the Department of Bioengineering at UT Arlington who wishes to enroll in courses at another college or university for transfer credit toward a degree in Biomedical Engineering should, first, consult with an undergraduate advisor to verify that the course credits can be used in the student's Biomedical Engineering degree plan.