

# ACCELERATED BACHELOR OF SCIENCE IN ELECTRICAL AND COMPUTER ENGINEERING/ MASTER OF SCIENCE IN BIOMEDICAL ENGINEERING

| Code | Title                                                           | Hours |
|------|-----------------------------------------------------------------|-------|
|      | Any 5000-level BME, ELC, and EGR courses (excluding 5001, 5199) |       |

## Admission

Undergraduate students in the BSECE in Electrical and Computer Engineering program can apply for the MSBME accelerated program at the end of their junior year. Applicants must be BSECE in Electrical and Computer Engineering majors and have a GPA of 3.5 or higher in the major prior to applying for the program. The applicants must obtain approval of the graduate program director to participate in the accelerated program. Applicants will be subject to the same admissions requirements as applicants for the full-time residential MSBME program in the School of Engineering and Computer Science and meet all requirements for entry into the Baylor Graduate School and MSBME program. The BSECE degree will be awarded once all degree requirements for the BSECE degree are met.

## Undergraduate vs. Graduate Student Designations

Students in this accelerated degree program are categorized in the Baylor system as undergraduate students during their senior year (year 4) regardless of any combination of UG- and GR-level courses completed that year. These students are designated as graduate students in year 5 (final year of program) after being accepted into the graduate school for that final year.

These distinctions (undergraduate student versus graduate student) will be linked to financial aid and scholarship eligibility for each level. In year 4, these accelerated degree students are eligible for any financial aid or scholarships for which they qualify as an undergraduate student. When these students become graduate students in year 5, though they lose their eligibility for undergraduate-level support, they are eligible to apply for graduate-level scholarships and financial aid.

## Requirements for the Electrical and Computer Engineering (BSECE) >> Master of Science in Biomedical Engineering (MSBME)

To earn the BSECE in Electrical and Computer Engineering and MS in Biomedical Engineering via this accelerated pathway, a student must complete all basic requirements for the BSECE in Electrical and Computer Engineering (<https://catalog.baylor.edu/undergraduate/school-engineering-computer-science/engineering/electrical-computer-engineering-bsece/#requirements>) as well as the MSBME in Biomedical Engineering (<https://catalog.baylor.edu/graduate-school/curriculum-departments-institutes-instruction/school-engineering-computer-science/interdisciplinary-degrees/biomedical-engineering-msbme/#requirements>).

A maximum of 6 credits of graduate coursework will count toward both degrees. Students can choose from the following courses: