

MS in Biomedical Engineering

Admission Requirements

Applicants are considered on an individual basis. In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

- **Baccalaureate Field:** Physical sciences, engineering, computer science, mathematics, biology, or medicine. Students must have completed math through Calculus I (MATH 180), Calculus II (MATH 181), Calculus III (MATH 210), Differential Equations (MATH 220), and Applied Linear Algebra (MATH 310) prior to entering the program. Linear algebra can be waived upon request and appropriate justification.
- **Grade Point Average:** At least 3.00/4.00 for the final 60 semester (90 quarter) hours of undergraduate study. Lower GPA will be considered for admission on a case-by-case basis.
- **Tests Required:** The GRE is waived for applicants. However, strong GRE scores (Quantitative >80th percentile, Verbal > 70th percentile, Analytical writing >4) can enhance your application. Thus, GRE scores will be accepted and, if provided, evaluated as part of your application.
- **Minimum English Competency Test Score**
 - **TOEFL** 80, with subscores of Reading 19, Listening 17, Speaking 20, and Writing 21 (iBT Test); 60, with subscores of Reading 19, Listening 17, Writing 21 (revised Paper-Delivered Test), **OR**,
 - **IELTS** 6.5, with subscores of 6.0 for all four subscores, **OR**,
 - **PTE-Academic** 54, with subscores of Reading 51, Listening 47, Speaking 53, and Writing 56.
- **Letters of Recommendation:** Three required.
- **Personal Statement:** Required.

Degree Requirements

In addition to the Graduate College minimum requirements, students must meet the following program requirements:

- **Minimum Semester Hours Required:** 36.
- **Course Work:** At least 28 hours (with thesis) or 36 hours (course work only). With thesis, at least 12 hours must be at the 500 level, excluding BME 595, BME 596, and BME 598. With course work only, at least 16 hours must be at the 500 level, excluding BME 595 and BME 596. Limited credit hours in BME 596 are allowed upon departmental approval.

Code	Title	Hours
Required Courses		
BME 595	Seminar on Biomedical Engineering	
Additional required courses vary by area; contact the department for the specific requirements of each area.		

- **Comprehensive Examination:** None.
- **Thesis, Project, or Course-Work-Only Options:** Thesis or course work only. No other options are available.

- **Thesis:** Students must earn at least 8 hours in BME 598.
- **Course Work Only:** Students must earn 36 hours from course work only as described in Course Work heading above, with the addition that 16 of the 36 hours must be BME course offerings at the 500 level.
- **Other Requirements** None.