

The graduate committee reviews an applicant's transcript, undergraduate degree and research/internship background when determining any prerequisites and deficiencies that may be needed. Typically applicants who have not received a prior degree in biomedical engineering will need to build a solid foundation of engineering and biomedical concepts prior to applying for the program.

The list of required courses includes:

All of following courses:

- Biochemistry or upper level Biology
- Physiology
- Calculus I
- Calculus II
- Calculus III
- Differential Equations
- General Chemistry
- General Biology
- Physics with Calculus I
- Physics with Calculus II

Four of the following six topics must all be completed:

- Thermodynamics or Physical Chemistry: Variety of courses available
- Fluid Mechanics or Bioengineering Transport Phenomenon: Variety of courses available (including BME 331)
- Engineering Mechanics: MAE 212
- Electrical Networks: Circuits I: EEE 202
- Signals and Systems: BME 350 or EEE 203
- Biomaterials: BME 318

Applicants may finalize their application while completing the final two courses from the above lists.