The School of Biomedical Engineering, Science and Health Systems is an internationally renowned center for research and instruction and ranks among the top 50 graduate biomedical engineering programs by U.S. News & World Report. As its name suggests, the school places a particular emphasis on collaboration among scientific disciplines. Students benefit from our alliances not just within the University but with other agencies, major research centers, universities, and businesses, including the FDA, Fox Chase Cancer Center, Children's Hospital of Philadelphia, Thomas Jefferson University, the University of Pennsylvania, Johnson & Johnson, Exponent, and Integra Life Sciences.

The school’s multidisciplinary programs are built around a core curriculum with research opportunities in specialized areas. The core curriculum provides the technical and analytical training students need to apply their engineering skills or knowledge of the life sciences to current problems in biology and medicine.

Various schools at Drexel, such as the College of Engineering and the Dornsife School of Public Health, have designed courses relevant to graduate students in biomedical engineering and biomedical science. This includes the integrated master’s degree in biomedical engineering and business (IBEB), a collaboration with the LeBow College of Business and the Close School of Entrepreneurship, which offers early-career engineers a tech-savvy alternative to an MBA. Through this cross-disciplinary approach, students are able to acquire the advanced knowledge and skills necessary for graduate-level research and career specialization.

Programs are constantly changing to meet industry needs. For the most up-to-date list, please visit drexel.edu/grad/biomed.
The school’s faculty are at the forefront of research in a range of interdisciplinary fields. Faculty specialties include engineering, physics, mathematics, biostatistics, life science, clinical, and medicine. They work closely with students as educators and mentors, providing them the benefit of their connections to the local community as well as national and international biomedical engineering and science networks.

The School of Biomedical Engineering, Science and Health Systems is located in Drexel’s Bossone Research Enterprise Center, which houses state-of-the-art laboratories dedicated to research in biomedical systems, bionanotechnology, neuroengineering and drug delivery, and implant research. In addition, the school shares integrated cellular tissue engineering and regenerative medicine, imaging, and microwave photonics laboratories with several Drexel academic colleges and independent research institutes.

Drexel’s proximity to several major medical centers, including Hahnemann University Hospital, Children’s Hospital of Pennsylvania, Thomas Jefferson University, and the Hospital of the University of Pennsylvania, provides further opportunities for study and research.

**PROGRAMS**

- Bioinformatics
- Biomedical Engineering
- Biomedical Science
- Biomedical Technology Development
- Integrated Biomedical Engineering and Business
- Tissue Engineering

**SPECIALIZATIONS**

**Biomedical Engineering:**
- Bioinformatics
- Biomaterials and Tissue Engineering
- Biomechanics and Human Performance Engineering
- Biomedical Systems and Imaging
- Biomedical Technology Development
- Neuroengineering

**Biomedical Science:**
- Bioinformatics
- Biomaterials and Tissue Engineering

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**DEGREE OFFERED**

- Certificate
- MS, PhD
- MS, PhD
- Certificate
- MS
- Certificate

**LOCATION**

- Philadelphia
- Philadelphia
- Philadelphia
- Philadelphia
- Philadelphia
- Philadelphia
PHILADELPHIA

Philadelphia is the nation's fifth largest city, with a metropolitan population of over six million. It is renowned for its historical sites and the diversity of its neighborhoods, and as a center of the medical, pharmaceutical, electronics, and finance industries. The city offers countless arts, entertainment, and recreational attractions including museums, theaters, major league sports franchises, and one of the nation's largest urban park systems, as well as first-class shopping, dining, and nightlife.

ADMISSION

Admission for graduate study at Drexel University requires a bachelor's degree from an accredited institution in the United States or an equivalent international institution. Although admission requirements vary by program, regular admission typically requires a minimum grade point average (GPA) of 3.0 for the last two years of undergraduate work. The GPA for any graduate work must be at least 3.0. Applicants for post-master's status must show potential for further study by having maintained at least a 3.0 GPA in their master's-level studies. (Individual departmental requirements may exceed this minimum.)

The admissions committee evaluates all credentials submitted by applicants to determine a student's ability and potential to succeed in graduate study. In addition, the committee is interested in the applicant's ability to contribute to his/her program of study and to the University community as a whole.

Applicants may only apply to one program at a time. Apply online at drexel.edu/grad/apply.

FINANCING

Students must complete the Free Application for Federal Student Aid (FAFSA) to be considered for federal aid. Students must complete this form annually to determine eligibility. File online at fafsa.gov using Drexel’s school code, 003256. To learn more, visit drexel.edu/grad/financing.

Merit-based aid in the form of fellowships and scholarships, as well as teaching, research, and graduate assistantships are awarded by the graduate departments based on availability of funds. You are automatically considered for merit scholarship; however, questions regarding assistantships should be directed to njb33@drexel.edu.

FOR MORE INFORMATION

Prospective students can learn more about the School of Biomedical Engineering, Science and Health Systems’ graduate offerings by visiting the following websites:

School of Biomedical Engineering, Science and Health Systems: drexel.edu/biomed

Admissions: drexel.edu/grad/biomed