

BA/BS/MD (MEDICINE)



Accelerated Programs at Drexel

This accelerated degree program enables academically qualified students to earn both a bachelor's and doctor of medicine degree concurrently — entering medical school one year sooner than in traditional bachelor's and MD programs.

The BA/BS/MD 3 + 4 program is open to the following majors:

- College of Arts and Sciences four-year programs (except International Area Studies)
- Business

A 4 + 4 BA/BS/MD option is available to students in the following majors:

- Biomedical Engineering
- Engineering

Admission Requirements

For consideration to the BA/BS/MD accelerated degree program, a student must:

- Be a U.S. citizen or permanent resident applying for freshman admission
- Have graduated from a high school in the United States
- Have ranked in the top 10 percent of their graduating class
- Have a minimum 3.5 GPA (on a 4.0 weighted scale)
- Have a combined SAT score of at least 1360 (Critical Reading and Math sections); submission of SAT Subject Test is recommended
- Have satisfactorily completed four years of science with one year each of biology, chemistry, and physics
- Complete the College of Medicine Supplemental Application and required essay, available online at www.drexel.edu/apply/bsmd. The application may be faxed to 215-895-5939.
- Submit two letters of recommendation (one each from a science teacher and a guidance counselor) and a profile of their high school
- Make sure all materials are submitted to Drexel's Undergraduate Admissions office at 3141 Chestnut Street before December 1
- Attend an interview (if selected) with the medical school at the Drexel College of Medicine Queen Lane Campus in the East Falls section of Philadelphia

Program Requirements

While in the undergraduate portion of the program, students must maintain at least a 3.5 GPA in all coursework, including all BCPM classes (all biological sciences, chemistry, physics, and math), without repeating a course and with no grade less than a C. The MCAT is required prior to matriculation into the College of Medicine.

Students must receive a minimum MCAT score of “9” or better in the verbal section; “10” or better in the physical and biological science sections; a total minimum score of 31 (with no individual score less than “8”); and a letter score of “P” or higher in the MCAT writing section. Acceptance into the College of Medicine is not guaranteed.

Potential Careers

Physician. Diagnoses illnesses. Prescribes and administers treatment for people suffering from injury or disease; counsels patients on diet, hygiene, and preventive health care; examines patients; obtains medical histories; and orders, performs, and interprets diagnostic tests.

Obstetrician/Gynecologist (OB/GYN). Specialist whose focus is women's health. Responsible for general medical care for women, providing care related to pregnancy and the reproductive system.

Pediatric Surgeon. Specializes in the treatment of injury, disease, and deformity through operations on pediatric patients. May correct physical deformities, repair bone and tissue after injuries, or perform preventive surgeries on patients with debilitating diseases or disorders.

Courses You'll Really Enjoy

Endocrinology. Describes hormones, their regulation, and major clinical abnormalities. New directions in endocrinology are also considered, such as cellular regulation and cellular mediators of hormonal action. The major focus of the course will be on mammals, although some examples involving other vertebrates are included.

Molecular Mechanics of Neurodegeneration. This is an advanced course on the current primary literature in the area of neurodegeneration. Students are expected to be conversant in areas of genetics, cell biology, molecular biology, biochemistry, and neurobiology. This is a discussion course based on reading current manuscripts from the primary literature.

Physical Chemistry of Polymers. Covers kinetics and thermodynamics of polymerizations; control of polymerization processes; gelation theory; copolymerization; and determination of polymer molecular weight and distribution by membrane osmometry, light-scattering, solution viscosity, and other techniques.

Transport Phenomena in Living Systems. Introduces students to applications of chemical engineering concepts in biological systems. Shows that chemical engineering approaches to problem solving are ideally suited to investigation of biology. Approaches include material and energy balances, transport phenomena, and kinetics.

Learn More: University Catalog

Course descriptions can be found at www.drexel.edu/catalog. Accelerated degree students should refer to both the undergraduate and graduate sections of the catalog to see what courses they might take. Undergraduate courses will vary depending upon choice of major.

For More Information

Undergraduate Admissions
Drexel University
3141 Chestnut Street
Philadelphia, PA 19104-2876
1-800-2-DREXEL
215-895-2400
enroll@drexel.edu
www.drexel.edu/em

Apply online at www.drexel.edu/apply