

PATHWAY TO HEALTH PROFESSIONS



Pathway to Health Professions at Drexel

The Pathway to Health Professions program provides a solid foundation for students who will proceed after graduation to post-baccalaureate and graduate programs in the health professions. It leads to a BS degree and enables students to fulfill all of the health science prerequisites for post-baccalaureate and graduate programs.

The curriculum combines health science and clinical science courses with mathematics, humanities, and social sciences electives. This fully integrated program prepares students for careers in nursing, cardiovascular perfusion, physician assistant studies, exercise physiology, cardiac rehabilitation therapy, occupational therapy, and physical therapy.

Courses in clinical research are also included. The courses give students a strong foundation in clinical research and prepare them for possible employment in clinical research settings.

Drexel Co-op for Pathway to Health Professions

A key part of the program is Drexel's prestigious co-operative education program, in which students alternate periods of classroom study with periods of professional work experience. Pathway to Health Professions students can participate in the following:

- One Co-op Option (Four Years): includes one six-month period of full-time employment

Employers

Here are some of the companies that have hired Drexel students as co-op or full-time employees:

- Fox Chase Cancer Center
- Hospital of the University of Pennsylvania
- Keystone Home Health
- Logan Square East
- Mercy Health System

Potential Careers

Clinical Researcher. Works on teams performing the research necessary to obtain FDA approval of new drugs, medical devices, and medical procedures. Performs clinical research in clinics, hospital wards, pharmaceutical companies, medical device firms, doctors' offices, operating rooms, and other health care settings.

Physician Assistant. Practices medicine under the supervision of physicians and surgeons. Provides diagnostic, therapeutic, and preventive health care services, as delegated by a physician. Takes medical histories, examines and treats patients, orders and interprets laboratory tests and X-rays, and makes diagnoses.

Physical Therapist. Helps restore function, improves mobility, relieves pain, and prevents or limits permanent physical disabilities of patients suffering from injuries or disease. Patients include accident victims and individuals with disabling conditions such as lower back pain, arthritis, heart disease, fractures, head injuries, and cerebral palsy. Promotes overall fitness and health.

Clinical Trials Manager. Prepares, supervises, and documents clinical trials. Works with drug manufacturers, study site staff, and regulatory authorities to facilitate drug procurement, labeling, shipment, and inventory.

Courses You'll Really Enjoy

Anatomy and Physiology. A general study of the structures and physiology of the human body. Covers the cell, tissues, and musculoskeletal system, as well as muscle and nerve physiology. In the lab portion of the course, students participate in practical examination of microscopic sections, tissues, and organs, and the anatomical layout of human cadavers.

Applied Anatomy and Kinesiology. Applies the foundations of anatomy and physiology to the study of human movement, with emphasis on normal motions of the musculoskeletal system. Topics include musculoskeletal anatomy, neuroanatomy, biomechanics, lever systems, and the influence of musculoskeletal disease and injury in normal movement.

Clinical Trials Protocol Design. Introduces students to the foundations of clinical research. Students learn the ethical and regulatory requirements of designing a research study. Topics include experimental design, recruitment, inclusion and exclusion criteria, and data handling.

Learn More: University Catalog

A list of required courses for the Pathways to Health Professions major is available online at www.drexel.edu/catalog.

Accelerated Degree Options

Accelerated degree programs, such as the BS/MD, BS/PhD in Engineering, BS/JD, and BS/MBA, enable academically qualified students to earn both a bachelor's and an advanced degree, graduating sooner than they would in traditional programs. Eligible students can be admitted to an accelerated degree program in one of two ways: apply as an incoming freshman through Undergraduate Admissions or apply to the Office of Graduate Studies after completing a minimum of 90 credits. To learn more about accelerated degree options, visit www.drexel.edu/em/ug/accelerated.

For More Information

Undergraduate Admissions
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