

ACCELERATED HEALTH SCIENCES DEGREES



Accelerated Health Science Programs at Drexel

These accelerated degree programs enable academically qualified students to earn both a bachelor's and an advanced degree concurrently — graduating sooner than they would in traditional programs. The accelerated health science programs include:

- BA/BS/MD*: Open to Biomedical Engineering, Business, Engineering, and any College of Arts and Sciences 4-year program majors except International Area Studies
- BS/DPT in Physical Therapy 3+3*: Open to Pathway to Health Professions majors (4-year co-op)
- BSN/MSN in Nursing: Open to Nursing BSN Co-op majors in the 4-year program
- BS/MHS in Physician Assistant 3+2: Open to Pathway to Health Professions majors (4-year co-op)
- BS/MA in Creative Arts Therapy, Dance Movement Therapy: Open to Dance majors

*International students are ineligible for this program.

Drexel Co-op

A key part of the program is Drexel's prestigious co-operative education program, where students alternate periods of classroom study with periods of professional work experience. For students in the accelerated health science programs, these employers could include:

- The Children's Hospital of Philadelphia
- Moss Rehabilitation Center
- Thomas Jefferson University Hospital

Potential Careers

Surgeon. Specializes in the treatment of injury, disease, and deformity through operations. Corrects physical deformities, repairs bone and tissue, or performs preventive surgeries on patients with debilitating diseases or disorders. May specialize in an area such as plastic or reconstructive surgery, neurological surgery, and orthopedic surgery.

Psychiatrist. Assesses and treats mental illnesses. Uses psychotherapy sessions with patients to regularly discuss their problems, and helps patients by changing their behavioral patterns, exploring past experiences, and moderating group and family therapy sessions. May administer medication to correct chemical imbalances that may be causing emotional problems or administer electroconvulsive therapy to patients who do not respond to, or who cannot take, medications.

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

Employers

Rapid employment growth is projected in the health sciences sector. As the aging population continues to grow, opportunities in geriatrics will be particularly strong. With this degree, you may choose to pursue employment in one of the following areas:

- General medical and surgical hospitals
- Home health care services
- Offices of health practitioners
- Outpatient care centers

Courses You'll Really Enjoy

Pharmacology for Advanced Nursing. Expands the study of the actions and effects of drugs on the human system throughout the life cycle. Students analyze the scope of legal and professional nursing responsibilities related to pharmacology in an expanded nursing role. They study pharmacologic mechanisms of action, effects on organ systems, routes of administration, pharmacokinetics, therapeutic uses, considerations related to age and physiologic state, adverse reactions, contraindications, and interaction of drugs.

Epidemiology and Health Promotion. This course provides an introduction to principles of epidemiology, a review of health initiatives and health psychology, and an in-depth study of the leading causes of morbidity and mortality in the United States. Recommended strategies for health promotion and disease prevention across the lifespan are evaluated and applied to common causes of disease and death.

Orthopedic Physical Therapy. This course will provide the student with knowledge of the pathology and pathomechanics of musculoskeletal dysfunction from disease, trauma, and the aging process in the spine and upper/lower extremities. Emphasis is placed on differential diagnosis, clinical decision-making, and the five components of patient management (examination, evaluation, diagnosis, prognosis, intervention) in order to maximize patient outcomes.

Learn More: University Catalog

Visit www.drexel.edu/catalog for detailed course descriptions. Accelerated degree students should refer to both undergraduate and graduate sections of the catalog to see what courses they might take.

For More Information

Undergraduate Admissions

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