

A solid  
foundation for  
an in-demand  
career.

**Your future in healthcare  
starts here.**



John G. Rangos, Sr.  
School of Health Sciences





## A transformative education... and career

At the John G. Rangos, Sr. School of Health Sciences, we're on top of healthcare trends, best practices and emerging technology. We know what the field demands, and that's why we prepare students for today's workplace—and tomorrow's. By combining classroom learning and research with a deep concern for ethics, we'll equip you with everything you need to become a healthcare leader. Some of the most rewarding and in-demand careers are in the health professions. And at Duquesne, you have many majors to choose from that will put you on the path to success.

**14%**

job growth for healthcare occupations\*

**1.9 million**

new healthcare jobs\*  
(more than any other occupational group)

\*From 2018 to 2028 Source: U.S. Bureau of Labor and Statistics

### Students and graduates have had opportunities to work with:

- Allegheny Health Network
- UPMC and the UPMC Rooney Sports Complex
- The Steadman Clinic and Steadman Philippon Research Institute
- Cleveland Clinic Hospitals and Subsidiaries
- Pittsburgh Pirates, Steelers, Penguins, Riverhounds and Ballet Theatre
- Kaleida Health
- Top Children's Hospitals (Cincinnati, Philadelphia, Nemours/Alfred I. DuPont)
- The Mount Sinai Hospital
- Duke Regional Hospital
- Kennedy Krieger Institute
- University of Rochester - URM - Sports Medicine
- Sports Medicine of Atlanta

**Graduates enjoy board passage  
rates of nearly 100%.**



Solid preparation for the future.

You'll be ready to make immediate contributions to patients' lives and the industry.

Depending on your program, here's a sampling of the exciting coursework that gets you there:

- Nutrition and Weight Management
- Functional Kinesiology and Biomechanics
- Biomedical Signals and Systems
- Health Informatics and Data Analytics
- Leadership in Healthcare Management
- Environmental Adaptations and Rehabilitation Technology
- Prosthetics and Orthotics
- Clinical Medicine
- Environmental Health
- Neurocognitive Disorders

## An experiential learning environment

At Rangos, you'll have the opportunity to:

- Practice on high-fidelity mannequins in our **simulation lab**.
- Run **pulsed laser systems** in our biomedical engineering lab.
- Practice human dissection digitally in our **z-space lab**.
- **Use ultrasound** to understand tongue configuration during speech.



A commitment to service.

Rangos students supplement classroom learning through community engagement and volunteerism. Whether they're using 3-D printing technology to recycle plastic waste on campus or providing athletic training services for the Special Olympics, we're educating ethical, socially responsible citizens who care deeply about the needs of others.



Visit [duq.edu/bme](https://duq.edu/bme) to watch a video about the recycling program



## Learn from the best so you can be your best.

Our diverse faculty are recognized nationally and internationally as award-winning educators and experts in their field. Many also hold executive positions with state and national accreditation bodies, helping to shape the future of their professions. Your professors will not only share their expertise, they will mentor and support you throughout your educational experience—and beyond.

# 19:1

### SCHOOL-WIDE STUDENT/FACULTY RATIO

Small class sizes allow personalized attention and collaboration with dedicated instructors and your classmates.

### Research alongside faculty.

### Build the resume that employers want.

Several of our degree programs offer opportunities for students to work side-by-side with research faculty and present their findings at national and international conferences.

Stay close to campus, or travel across the world.

Choose your own learning adventure.

Abundant clinical and internship opportunities are available across the globe for many of our programs.

#### Local

Pittsburgh is one of the country's most vibrant healthcare communities and is known globally as a healthcare and technology hub.

#### High ranking:

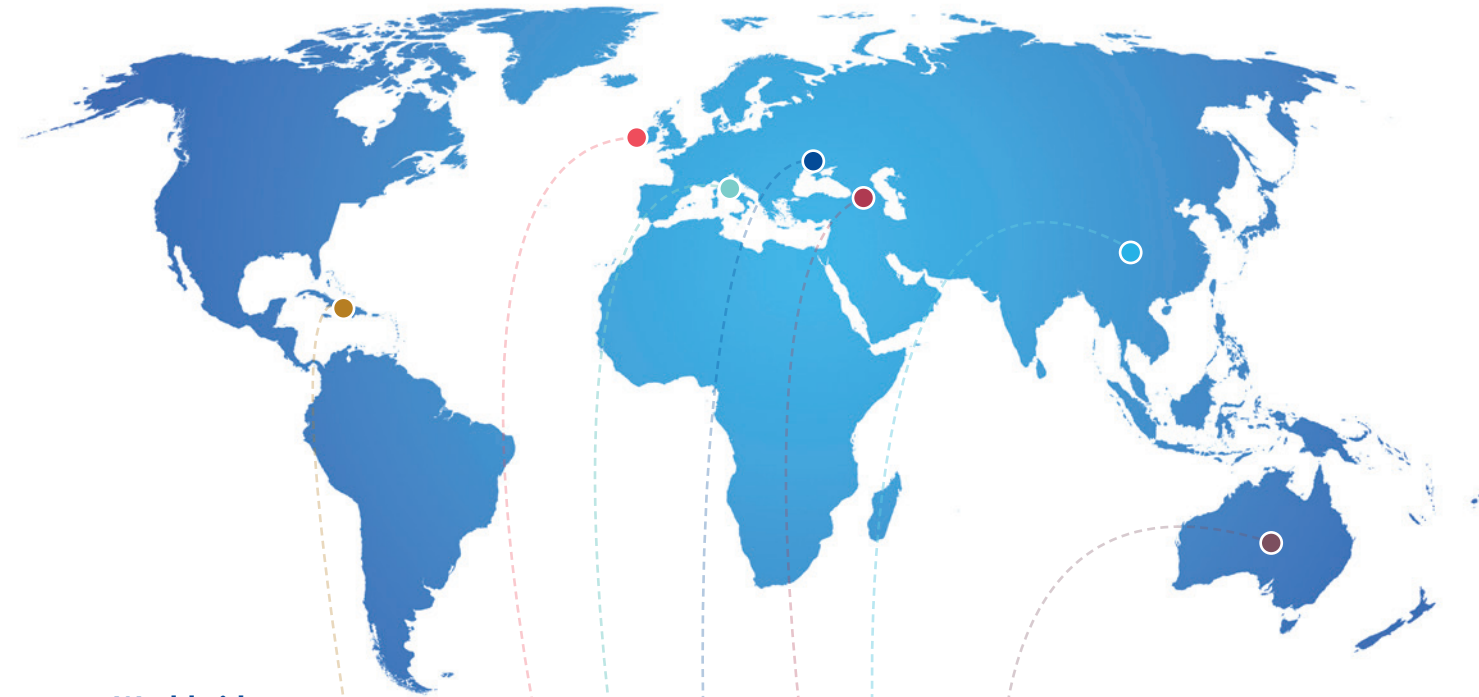
Pittsburgh is home to the **#15 hospital** and **#8 children's hospital** in the country.

Source: *U.S. News & World Report*  
2019 - 2020

#### National

Through our partnerships with outstanding institutions across the country, we offer excellent clinical placement and internship opportunities.

**1,200** | **Active clinical contracts** in 46 states



#### Worldwide

Expand your knowledge internationally in diverse countries like:

**Grenada (West Indies), Ireland, Italy, Ukraine, Georgia, China, and Australia.**

#### Spring Breakaway

Classes meet on campus during the Spring semester. Early weeks of study preceding Spring Break will prepare you to take full advantage of your week at an international site. Upon return from spring break abroad, your studies will continue and include a project or paper based upon your international study experience.

#### Duquesne-China Health Institute

Each year through a partnership with universities in China, Rangos hosts more than a dozen healthcare professionals and college graduates from China who are taking classes as part of a unique graduate program designed to help them earn a master's degree in occupational therapy, physical therapy, and speech-language pathology.

The arrangement was developed with support from the Chinese government, and Duquesne is the first American university involved in such an arrangement. Upon graduation, program alumni work as university instructors or as hospital-based rehabilitation therapists.



"Pittsburgh is an amazing place for healthcare, and Duquesne is a reputable school with a lot of connections to get you to where you want to be."

– **Lauren Margliotti, '19**

# Undergraduate/Graduate Programs

## Athletic Training (BSAT and MSAT)

rshs@duq.edu |  
duq.edu/athletic-training

Athletic trainers are healthcare professionals who collaborate with physicians to provide preventative services, emergency care, clinical diagnosis, therapeutic intervention and rehabilitation of injuries and illnesses. **You'll have opportunities to gain clinical experience with Duquesne's Division I athletes**, as well as athletes from area universities and high schools, and patients from sports medicine clinics and professional organizations. Our program is accredited by the Commission on Accreditation of Athletic Training Education.



Graduates are eligible to sit for the national Board of Certification for the Athletic Trainer examination.

98%  
overall passing rate

## Health Sciences (BSHS)

rshs@duq.edu | duq.edu/bshs

Duquesne's health sciences major provides students with the skills needed to conduct comprehensive health, wellness and fitness assessments, and develop programming to address the needs of clients, patients and populations. Students from our health sciences program **work collaboratively in labs and facilities to gain the knowledge and skills they need to factor prominently into a variety of healthcare arenas**, including human performance, strength and conditioning, corporate wellness, exercise, physiology, health education, cardiopulmonary rehabilitation, and community health and wellness.

The health sciences program offers two tracks:

- **Integrated Health:** designed for students who want to enter the healthcare workforce upon graduation.
- **Pre-Health:** designed for students who are committed to, or have aspirations for, a professional degree program, like medicine, athletic training, occupational therapy, physician assistant studies or physical therapy.



## Public Health (BA and BS)

rshs@duq.edu | duq.edu/publichealth

**Duquesne offers Pittsburgh's only undergraduate public health program.**

Public health promotes and protects the health of people and the communities where they live, learn, work and participate in recreational activities. The B.S. and B.A. in public health provide solid foundational knowledge in epidemiology, public health, biostatistics, environmental health, health policy and management, and community health. Using real-world cases, field work and practicum, you'll learn what it takes to improve healthcare globally.

By **2020**, the nation will be facing a shortfall of **more than 250,000 public health workers.**

*Source: Association of Schools of Public Health, 2008*

*Duquesne's public health programs follow the Accreditation Criteria for Standalone Baccalaureate Programs in Public Health adopted by the Council on Education for Public Health in 2016.*



# Undergraduate/Graduate Programs

*We provide you with opportunities that make you stand out.*

**Pre-Medical and Health Professions Program**  
pmhpp@duq.edu | duq.edu/pmhpp

**At Duquesne, preparation for medical, dental and other health professional school can start as early as your freshman year** by enrolling in our undergraduate Pre-Medical and Health Professions Program.

We help every step of the way by offering:

- Exceptional, personalized, ongoing advisement
- Hand-tailored curriculum planning and tracking
- In addition to prerequisite curriculum, seven specialized pre-health courses with “O” additional credit load
- Basic patient assessment and health and safety skills, including entry-level clinical skills
- Introductions to collaborative practice, inter-professional education and medical terminology
- Instruction in basic anatomy and pathophysiology
- Instruction, guidance and assistance through the complex medical and health professional school application.

Graduates enter professional schools like:

- Duquesne University
- George Washington University
- Pennsylvania College of Optometry
- University of Pittsburgh
- Temple University

*Push yourself to know more—and set yourself apart with a minor.*

## Public Health minor

The Public Health minor is available to any undergraduate student at Duquesne University, regardless of major. The minor is particularly desirable for students preparing to pursue a health-related career.

## Assistive Technology minor

The minor in Assistive Technology prepares students to design and fabricate assistive technologies and provide clinical assistive technology services to people with disabilities.

*Everyone’s path is different. And we embrace that.*

## AP credits

Students who have completed AP tests and achieved a required score may be able to receive Duquesne credit to be used in place of a course in their respective curriculum.

## Test Optional Admissions\*

If you do not have SAT or ACT scores, or if you believe your scores do not reflect your academic achievement and ability, you can apply as a test-optional candidate. You must have a minimum cumulative GPA of 3.0 within a college preparatory curriculum to be considered for admission. Visit [duq.edu/test-optional](http://duq.edu/test-optional) for details.

*\*Available for Health Administration, Health Sciences and Public Health programs*

## Biomedical Engineering (BS and MS)

bme@duq.edu | duq.edu/bme

Biomedical engineering (BME) uses scientific and mathematical principles to solve problems and improve human health. Our curriculum incorporates broad-based engineering fundamentals, hands-on experience with all the latest instrumentation, and an opportunity to develop a research focus in emerging specialties such as biomedical optics and biosensors. Our graduates are well prepared for careers in healthcare, manufacturing, research and government, as well as graduate studies, law school, medical or other professional doctoral programs. **Career opportunities for biomedical engineers are growing much faster than average**, according to the U.S. Bureau of Labor Statistics.



## Health Administration (BSHA and online MHA)

rshs@duq.edu |  
duq.edu/health-administration

Health administration professionals are inventors, innovators and entrepreneurs for the constantly evolving healthcare delivery system. Students learn to collect and analyze data, incorporate innovative management techniques and use new technologies to re-engineer healthcare. **You will learn and do “real world” cases**; you will be challenged by factual issues; you will learn beyond the book; you will use what you learn. Graduates are in demand by hospitals and healthcare institutions, physician practices, insurers, software vendors, consulting companies and other employers that require administration, data management and information technology skills.

**100%** | Job placement rate  
for master's graduates

# Graduate Programs

## Occupational Therapy (MSOT and OTD)

ot@duq.edu |  
duq.edu/occupational-therapy

Duquesne is primarily a freshman-entry program, and students can choose to pursue their M.S. in Occupational Therapy (MSOT) or an Entry-Level Doctor of Occupational Therapy (OTD) degree. All students completing the program also will be awarded a B.S. in Health Sciences. **Our graduates are in demand** by hospitals and rehabilitation centers, school systems, skilled nursing and long-term care facilities, industrial rehabilitation programs, mental health organizations and community agencies.

**99%** employment rate  
within months  
of graduation

**100%** pass rate on the national  
certification exam for MS  
and OTD programs



## Physical Therapy (DPT)

rshs@duq.edu | duq.edu/physical-therapy

Demand for physical therapists is growing much faster than average. Physical therapists evaluate, diagnose and treat people of all ages who face a wide range of disabilities due to illness or injury, from low back pain to traumatic brain injury. Our Doctor of Physical Therapy (DPT) program is a six-year program with a unique freshman admission option that allows students to **pursue their choice of two undergraduate degrees—in Biology or Health Sciences—in four years, and then transition seamlessly to the professional phase.** Our curriculum is founded in the basic sciences—including full human dissection anatomy—rich in clinical sciences and diverse in clinical practice experiences.

**100%**  
Job placement rate

**99%** Overall pass rate on the  
national licensing exam



## Physician Assistant Studies (MPAS)

rshs@duq.edu | duq.edu/physician-assistant

The physician assistant profession is one of the fastest-growing careers in the United States. Physician assistants work in collaboration with physicians and surgeons in ordering and interpreting diagnostic tests, making diagnoses and prescribing appropriate treatments. Duquesne's Physician Assistant Studies program is **the nation's first entry level master's degree program**—students enter as freshmen. Students completing our five-year program earn a B.S. in Health Sciences after year four and a Master of Physician Assistant Studies degree upon program completion.

At its **September 2018** meeting, the Accreditation Review Commission on Education for the Physician Assistant Inc. (ARC-PA extended **Accreditation-Probation** status for the **Duquesne University Physician Assistant Program** sponsored by **Duquesne University** until its next review in **September 2020**.

**31%** anticipated job growth  
between 2018 and 2028

**\$108,610**  
(median yearly  
salary, 2018)

U.S. Bureau of Labor Statistics



Highest-ranked  
five-year SLP  
program in the U.S.

- U.S. News & World  
Report 2019-2020

## Speech-Language Pathology (MS)

speech-lang@duq.edu |  
duq.edu/speech-language-pathology

**Duquesne University was first in the nation to offer students a five-year bachelor's-to-master's degree program in speech-language pathology.** Our program prepares specialists who treat communication and swallowing disorders in people of all ages. The program prepares exceptionally qualified speech-language pathologists for work in public and private schools, hospitals, rehabilitation centers, healthcare agencies and early intervention. Career opportunities also are available in private practice, higher education and research settings.

**100%** employment rate for  
more than two decades

**100%** national certification exam  
pass rate for the past 10 years



**A great school at a great price.**

**A Duquesne education pays dividends over a lifetime.**

Duquesne is regularly ranked as a top-tier university and research institution, and a great college value by notable sources such as *U.S. News & World Report*, *Forbes Magazine*, *Money*, *Kiplinger* and the Princeton Review.

The real value of a Duquesne education is how well it prepares you for a lifetime of success, and many forms of financial aid are available to help put this top-quality education within reach. Visit [duq.edu/affordability](http://duq.edu/affordability) to learn more.

99%

of freshmen receive some form of financial aid

University-based scholarships for undergraduates exceed **\$88.5 million** annually.



**Pittsburgh: A healthcare city... and so much more.**

Home to hundreds of great employers and organizations that are changing the world, Pittsburgh has been ranked No. 5 on the list of “Top U.S. Downtowns” by livability.com. Duquesne’s downtown location provides convenient access to arts, entertainment, sports, outdoor recreation, and employment and internship opportunities.

We’re a food town, a cultural town, a major sports town and home to three rivers. And when you’re ready to launch your career, you’ll find that opportunity abounds. Learn more at [duq.edu/Pittsburgh](http://duq.edu/Pittsburgh).








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