



Pre-Health Sciences Tracks

For students interested in pursuing careers as health professionals or medical researchers, Clarkson has a series of pre-health professions professional advising tracks. In these programs, students pursue a major of their choosing, such as biology, psychology or chemical engineering, and then work with a team of Clarkson faculty and staff to ensure that they are prepared for the next stage in their education or career. This is all offered through the Lewis School of Health Sciences.



THE CLARKSON DIFFERENCE:

1 Personalized Attention – We provide a team of staff from across the University to help our students plan course schedules, develop the credentials needed to get into graduate programs, study for placement exams and successfully apply to the programs of their choosing. Every student has a personalized experience to reach their individual goals.

2 Early Grad School Admission – Students interested in physical therapy, physician assistant and occupational therapy careers can pursue these programs as undergraduate tracks and gain the opportunity for direct entry admission into Clarkson’s graduate degree programs to complete their education.

Students interested in medicine, dentistry or pharmacy can apply for a reserved seat at the Lake Erie College of Osteopathic Medicine before the end of their second year at Clarkson.

3 Cadaver Lab – An integral part of our undergraduate anatomy and physiology course is our Cadaver Lab, where students have the chance to work with an actual cadaver, something that isn’t offered to undergraduate students at many other universities.

4 Health Coaches – Students can take this yearlong course featuring weekly discussions with healthcare professionals on topics such as population health, chronic diseases and community medicine. This course also includes a semester working with patients to gain service and experience hours in the medical field.

STUDENT TO
10:1
FACULTY
RATIO

2/3 OF OUR
CLASSES HAVE
FEWER THAN
30
STUDENTS

THE SIERRA CLUB
2020
COOL
SCHOOLS

TRACK OPTIONS:

- Pre-Dentistry.
- Pre-Medicine.
- Pre-Occupational Therapy.
- Pre-Optometry.
- Pre-Pharmacy.
- Pre-Physical Therapy.
- Pre-Physician Assistant.
- Pre-Public Health.
- Pre-Veterinarian.

POPULAR MAJORS FOR PRE-HEALTH STUDENTS:

- Biology.
- Biomolecular Science.
- Chemical Engineering.
- Chemistry.
- Mechanical Engineering.
- Psychology.

5 Medical Research – The renowned Trudeau Institute, where the cure for tuberculosis was developed, offers Clarkson students a Biomedical Scholars Semester Program, an intensive living and learning experience that appeals to students interested in human health science and biotechnology. Faculty on Clarkson’s campus are also at the forefront of research in areas such as biosensors, stem cells and regenerative medicine, neurophysiology, rehabilitation engineering, nanotechnology and more.

6 Relevant Minors – For students who know that a career in the health field is in their future, we offer several minors that provide our students with the right experience and coursework needed to enter into healthcare professions. Some minors that may be of interest include:

- Medicine & Health • Biomedical Engineering • Biomedical Science & Technology • Cognitive Neuroscience • Biology, Behavior & Society • Environmental Health Science • Psychology

CORE COURSEWORK

At Clarkson, you can take all of the required coursework needed to apply to the health graduate programs of your choice. Such courses include:

- Intro. to Biology & labs.
- General Chemistry & labs.
- Intro. Physics & lab.
- Math/Calculus/Statistics.
- English.
- Psychology & Sociology.
- Organic Chemistry & labs (medical, dental, vet, PA).
- Anatomy & Physiology (PA, PT).
- Biochemistry (medical, dental, vet).
- Microbiology & lab (vet, PA).
- Nutrition (vet).

GRADUATE SCHOOL PLACEMENT

Clarkson alumni have gone on to many of the most prestigious graduate programs in the country, including:

- Albert Einstein College of Medicine.
- Cornell University College of Veterinary Medicine.
- Dartmouth Geisel School of Medicine.
- Donald and Barbara Zucker School of Medicine at Hofstra/Northwell .
- Johns Hopkins University School of Medicine.
- Mayo Clinic Alix School of Medicine.
- SUNY Upstate Medical University.
- Texas A&M College of Veterinary Medicine & Biomedical Sciences.
- Temple University Kornberg School of Dentistry.
- University of New England College of Osteopathic Medicine.
- University of Vermont Larner College of Medicine.



In June 2019, thirteen Clarkson pre-health science students in the Doctors Without Borders club completed two weeks of medical observation and volunteer help at Thống Nhất Hospital in Vietnam.

Thống Nhất is a large public hospital in Ho Chi Minh City that was built around 1975, just before the fall of South Vietnam. Clarkson volunteers worked in the emergency and operating rooms, as well as in urology, neurology, rehabilitation, gastrointestinal, trauma, and traditional medicine (acupuncture and herbal medicine) departments. The students were divided up into pairs and assigned to different areas of the hospital. Each student also had an opportunity to be in the operating room for at least one day.

STUDENT CLUBS & ORGANIZATIONS

The interest in health-related student clubs on campus continues to grow as the number of our students looking to enter the health field grows. Students are empowered to create their own clubs and organizations on campus and, many times, are given funding. Some health-related clubs include:

- Doctors Without Borders.
- Phi Delta Epsilon International Medical Fraternity.
- Minority Association of Pre-Medical Students.
- Pre-Physician Assistant Club.
- Physical Therapy Club.
- Animal Science Club (pre-vet).
- Beta Beta Beta National Biological Honor Society.



"I remember my time at Clarkson as a time of personal growth and maturity and I am forever grateful for the excellent start I received at Clarkson to a career that I love."

Janele Smith '03, DDS



ClarksonTM

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