Pre-Health Sciences

For students interested in pursuing careers as health professionals or medical researchers, Clarkson has a series of Pre-Health Professions 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 our School of Arts & 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 fast tracked 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 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.

STUDENT TO
13:1
FACULTY RATIO

2/3 OF OUR CLASSES HAVE LESS THAN
30
STUDENTS

ENVIRONMENTALLY
AMONG THE NATION'S MOST RESPONSIBLE COLLEGES
THE PRINCETON REVIEW

TRACK OPTIONS

- Pre-Dentistry
- Pre-Medicine
- Pre-Occupational Therapy
- Pre-Physical Therapy
- Pre-Physician Assistant
- Pre-Vet

POPULAR MAJORS FOR PRE-HEALTH STUDENTS:

- Biology
- Biomolecular Science
- Chemistry
- Psychology

Minor in Medicine & Healthcare

For students who know that a career in the health field is in their future, we offer a Medicine & Healthcare minor, which provides our students with the right experience and coursework to enter into healthcare professions, including shadowing, patient contact and coursework in medical ethics, the history of medicine and more.

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

5 *Medical Research* — The renowned Trudeau Institute, home of the cure for tuberculosis, 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. Clarkson faculty on campus are also at the forefront of research in areas such as biosensors, stem cells and regenerative medicine, neurophysiology, rehabilitation engineering, nanotechnology and more.

CORE COURSEWORK

At Clarkson, you can take all of the required coursework needed to apply to the health graduate programs of your choice, such as:

- 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 & Barbara Zucker School of Medicine at Hofstra/Northwell
- Johns Hopkins University School of Medicine
- Mayo Clinic School of Medicine
- SUNY Upstate Medical University
- Texas A&M College of Veterinary Medicine & Biomedical Sciences
- Temple University Maurice H. Kornberg School of Dentistry
- University of New England College of Osteopathic Medicine
- University of Vermont Larner College of Medicine

In Summer 2018, nine pre-health students in Clarkson's chapter of Doctors Without Borders traveled to Guatemala for two weeks with Professor Tom Langen (biology). During the trip, students volunteered in clinics, taking medical histories and vital signs and assisting medical practitioners. They also undertook a rural health education campaign at orphanages, schools and senior citizen centers and also donated much-needed medical supplies. For leisure, the group learned Latin dancing, climbed a volcano, kayaked Lake Atitlán and visited Mayan towns.

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
- PhiDE 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

ARTS & SCIENCES-
30+
RELATED CLUBS ON CAMPUS

MILITARY FRIENDLY SCHOOL
TOP RANKED
AND ROTC PROGRAMS

GREAT SCHOOLS, GREAT PRICES
TOP 20
BEST VALUES
U.S. NEWS & WORLD REPORT

Clarkson Ignite

Our entire campus is a place where innovation and entrepreneurship are a way of life. Clarkson Ignite is a call to action and constant reminder to our students that innovation drives everything. For more information on Ignite, visit **clarkson.edu/ignite**.

Graduate Programs

Clarkson offers both master's and PhD programs in several science and health science disciplines. For more information on these programs, visit **clarkson.edu/graduate**.

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