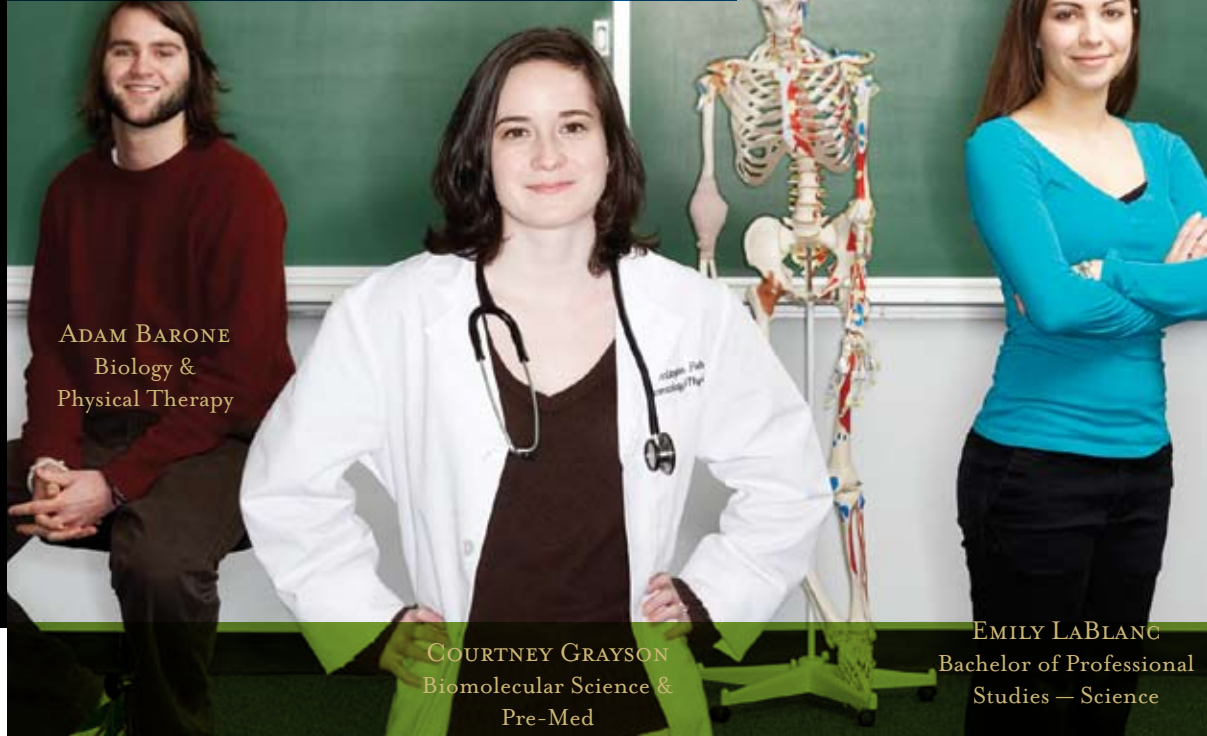
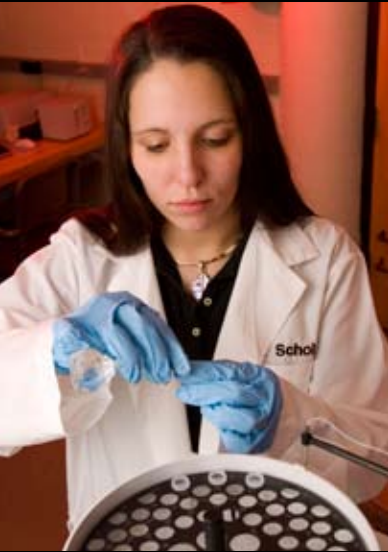


health sciences at clarkson

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|--|---|---|--|
| 1040 594.16 [Kr]4d ¹⁰ 5s ¹ Cadmium | 2046 429.76 [Kr]4d ¹⁰ 5s ² Indium | 2876 505.06 [Kr]4d ¹⁰ 5s ² Tin | 1860 904 [Kr]4d ¹⁰ 5s ³ Antimony |
| 80 200.59 630 234.28 13.53 [Xe]4f ¹⁴ 5d ¹⁰ 6s ² Mercury | 81 204.37 1746 577 11.85 [Xe]4f ¹⁴ 5d ¹⁰ 6s ² Thallium | 82 207.2 2023 600.6 11.4 [Xe]4f ¹⁴ 5d ¹⁰ 6s ² Lead | 83 208.9804 1837 544.52 5.8 3.5 [Xe]4f ¹⁴ 5d ¹⁰ 6s ² Bismuth |



ADAM BARONE
Biology &
Physical Therapy

COURTNEY GRAYSON
Biomolecular Science &
Pre-Med

EMILY LABLANC
Bachelor of Professional
Studies — Science

NETWORKING WITH CLARKSON ALUMNI IN THE MEDICAL FIELD ENABLED ME TO FIND A SUMMER RESEARCH POSITION IN A NEUROBIOLOGY LAB AT A PRESTIGIOUS MEDICAL SCHOOL. THE OPPORTUNITY TO DO MEDICALLY RELEVANT RESEARCH AS AN UNDERGRADUATE IS A KEY STEP IN MY JOURNEY TO BECOMING A DOCTOR.

— COURTNEY GRAYSON

Pre-Medicine, Pre-Dentistry, Pre-Physical Therapy and Pre-Veterinary Science programs provide guidance and the right combination of skills and knowledge that students need for future professional development and careers in health sciences.

A CAREER IN HEALTH SCIENCES

For someone who wants to make a positive difference in people's lives, few fields offer the fulfillment and exciting challenges of Health Sciences. Career possibilities vary widely, from patient-focused health care professions to research science in laboratories.

In every health-related field today, you'll find a revolution being driven by advances in science and technology. That's why a technological university provides an ideal foundation for careers in the health sciences, medicine or health care.

A WIDE RANGE OF CHOICES

Health science fields range from biotechnology, pharmaceutical sales, technical support, and organizational psychology to industrial safety, mental health, and health administration. Professional titles include: medical doctor, counselor, physical therapist, dentist, psychologist, industrial hygienist, veterinarian, medical research scientist, and hospital administrator.

RELATED DEGREE PROGRAMS

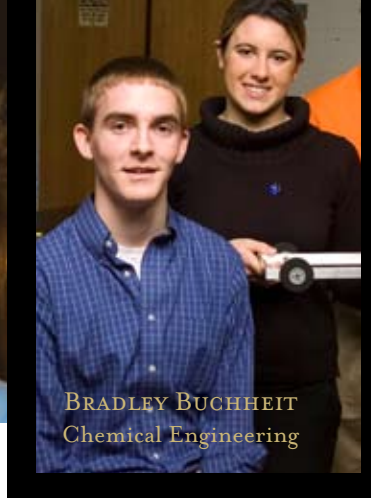
Entrance into professional studies in the health sciences is possible with any bachelor's degree. Humanities and social science programs provide specific guidance in meeting pre-health profession requirements. A number of science degree programs at Clarkson provide an especially strong career foundation.

These include the following.

- Biology
- Biomolecular Science
- Chemistry
- Environmental and Occupational Health
- Physics (Biological Physics)
- Psychology

clarkson.edu/healthsciences





BRADLEY BUCHHEIT
Chemical Engineering

“THE SKILLS I AM ACQUIRING AT CLARKSON WILL ALLOW ME TO EXCEL IN ANY INVESTIGATIVE SITUATION, INCLUDING THE ONES I WILL ENCOUNTER WHILE DIAGNOSING PATIENTS AS A PHYSICIAN.

—BRADLEY BUCHHEIT '08
CHEMICAL ENGINEERING,
HONORS, PRE-MED

PRE-MEDICAL SCIENCES ADVISING

Clarkson's pre-medical sciences advisor will guide you with specialized advising in Pre-Medicine, Pre-Dentistry, and Pre-Veterinary Science. For those interested in physical therapy, satisfactory completion of Clarkson's undergraduate Pre-Physical Therapy concentration guarantees admission to the University's own Doctor of Physical Therapy (DPT) degree program.

Clarkson offers a series of healthcare seminars to acquaint students with issues such as professionalism, health delivery systems, medical ethics, and the research basis for clinical care.

Students meet individually with the Pre-Medical Sciences advisor several times a year to learn about specific requirements for admission to professional school, about volunteer and mentoring experiences, and for feedback and support.

Students with health science interests participate in group activities and projects to obtain experience, a sense of community, and direction. The Clarkson chapter of the Phi Delta Epsilon Medical Fraternity sponsors many of these activities. Overall, the Pre-Medical Sciences Program provides close guidance and assistance during the application process.

PROFESSIONAL PREREQUISITES

Clarkson offers all the prerequisites for medical school, veterinary school, and dental school. These include a solid foundation in biology, chemistry, physics, and mathematics along with critical reading and writing skills and a background in the humanities and social sciences.

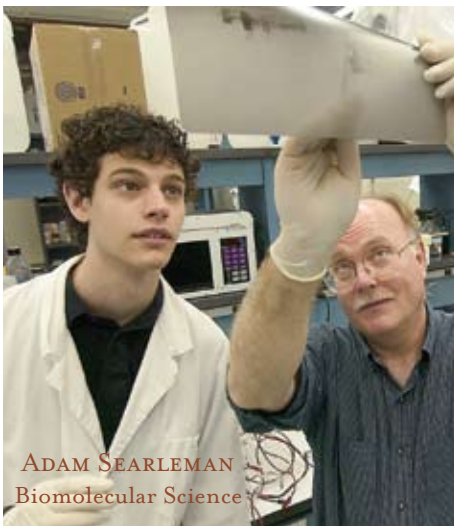
UNDERGRADUATE RESEARCH

One important advantage of Clarkson is the emphasis placed on undergraduate research. Students gain firsthand experience in solving complex real-world problems. Research at Clarkson is supported by grants from the National Institute of Health, the National Science Foundation, and corporate grants.

FOR MORE INFORMATION CONTACT

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<http://www.clarkson.edu/premedical/>

clarkson.edu/healthsciences



ADAM SEARLEMAN
Biomolecular Science

“THE UNIVERSITY'S STRONG EMPHASIS ON UNDERGRADUATE RESEARCH REALLY BENEFITED ME. I HAD A LOT OF FREEDOM IN MY RESEARCH PROJECT, WORKING DIRECTLY WITH THE PROFESSOR AND NOT A POSTDOC OR GRADUATE STUDENT. THAT MAKES A BIG DIFFERENCE.”

— ADAM SEARLEMAN '07
SUMMER '06 RESEARCH FELLOW, SLOAN-KETTERING CANCER CENTER
M.D./PH.D. CANDIDATE, WASHINGTON UNIVERSITY IN ST. LOUIS