

Canisius College Department of Chemistry and Biochemistry

Why Study Chemistry or Biochemistry?

A degree in chemistry or biochemistry prepares you for a wide variety of careers, including medicine, pharmacy, and dentistry, as well as chemical, biochemical, medical, and pharmaceutical research, and chemical industry. With ever-increasing societal demands for doctors, pharmacists, dentists, chemists, new pharmaceuticals, materials, energy solutions, biotechnology, biomedical devices, and environmental and forensic technologies, a wide range of exciting job opportunities is ensured for chemistry and biochemistry graduates.



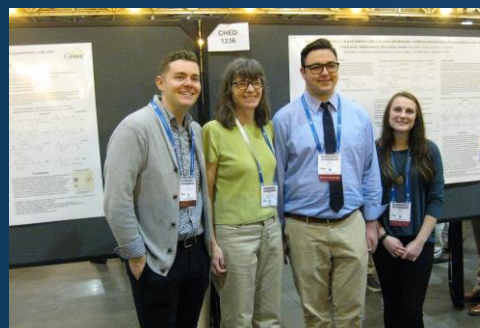
"The Chemistry and Biochemistry Department here at Canisius is truly like a family. I've loved getting to know my professors and the bonds I've formed with my fellow chemistry and biochemistry majors are here to stay. I can't imagine having gone to college anywhere else!"
Laurn Rudin '20

Chemistry and Biochemistry at Canisius

- Teaching is our Top Priority
- Classes Taught Exclusively by Full-Time Faculty
- Faculty in Each Sub-discipline of Chemistry
- All Faculty Possess a Ph.D. or other Terminal Degree
- Small Class Sizes
- Individual Major Advisement
- Additional Pre-Medical and Pre-Health Advisement
- Active, Award-Winning Chemistry Club (SCACS)
- More than \$1 Million Recently Invested in Instrumentation
- Paid Research Opportunities Starting Freshman Year
- Invited Speakers/Seminar Series
- Strong Community of Students, Faculty, and Alumni
- Successful Graduates
- Additional Details at canisius.edu/chemistry

Undergraduate Research

- Paid Research Opportunities Starting Summer after Freshman Year
- Undergraduate Students are the Primary Researchers
- Faculty Research Projects in:
 - Biochemistry
 - Organic Synthesis
 - Inorganic Chemistry
 - Environmental Chemistry
 - Lasers and Spectroscopy
 - Computational Chemistry
 - Full Descriptions at canisius.edu/chemistry
- Students Present Results at Local and National Meetings
- Students often Co-author Research Publications



Chemistry and Biochemistry BS Degrees

A range of tracks is available, leading to careers in medicine, pharmacy, dentistry, research, industry, and business. All tracks have a similar first year of courses (see canisius.edu/chemistry for details). Faculty in the Department work closely with students to help select the track that fits each individual's career goals.

- Chemistry Health Track
 - Medical, Dental, Pharmacy School
- Chemistry American Chemical Society (ACS) Certified Track
 - Graduate School
- Chemistry Track
 - Chemical Industry
- Biochemistry Track
 - Medical, Dental, Pharmacy School
- Biochemistry American Chemical Society (ACS) Certified Track
 - Graduate School

All of the above tracks can be completed with a Business minor

- Chemistry with Business Track
 - Chemical Business, Law



"Being a student in the Department of Chemistry and Biochemistry has been an amazing experience. The classes I have taken have been challenging and interesting, which makes them both manageable and enlightening. My professors have always been very accessible — they help create an atmosphere that is both friendly and conducive to learning."

Joshua Canavan '19



Student Outcomes

More than 90% of chemistry and biochemistry majors, who apply to medical, dental, or pharmacy school, have been accepted. Students entering chemistry or biochemistry related Ph.D. programs have received full scholarships and significant stipends. Many graduates of the Department have started careers directly after graduation. Some recent examples of our graduates include:

Patrick Comerford '20, Sean Gibson '20, Lauryn Rudin '20 and Derek Tabaczynski '20 medical school, University at Buffalo

Samantha Caico '19 medical/Ph.D. program, Michigan State University

Marissa Rizzo '20 medical school, LECOM

Tom Chameli '20 medical school, Georgetown University

Michael Shenal '19 pharmacy school, University at Buffalo

Brittany Gorczyca '20 dental school, University at Buffalo

Anthony Berardi '19 Ph.D. program in chemistry, University of Michigan

Joshua Canavan '19 optometry school, Ohio State University

"The Department of Chemistry and Biochemistry is staffed by enthusiastic faculty members who, in addition to being great instructors, create a welcoming and comfortable environment that has invoked in me a genuine passion for science. I'm challenged academically every day and I've grown immensely through valuable research opportunities."

Anthony Berardi '19

Contact Us

For more information or to schedule a visit, call the Admissions Office at 1-800-843-1517 or 716-888-2200, call or email the Chair of the Chemistry and Biochemistry Department (Dr. Phillip Sheridan) at 716-888-2340, sheridap@canisius.edu, or visit canisius.edu/chemistry.

