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.

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
  - Medicinal Chemistry
  - Organic Synthesis
  - Inorganic Chemistry
  - Environmental Chemistry
  - Lasers and Spectroscopy
  - Chemical Education
  - Full Descriptions at canisius.edu/chemistry
- Students Present Results at Local and National Meetings
- Students often Co-author Research Publications

“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!” - Lauryn Rudin ’20
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) Track
    - Graduate School

All of the above tracks can be completed with a Business minor
- Chemistry with Business Track
  - Chemical Business, Law

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:

- Dave Krasinski ’18, Gary Johal ’18 and Ryan Becht ’18 are attending medical school at the University at Buffalo.
- Lauren D'Hont ’17 is enrolled in the Physician Assistant Program at Daeman College.
- Michael Shenal ’19 and Rachel Singer ’17 are attending Pharm.D. programs at the University at Buffalo.
- Ben Swanson ’17 is enrolled in the D.D.S./Ph.D. program in the Dental School at the University of Michigan.
- Filippo Gentile ’19 is enrolled in the Ph.D. program in Chemistry at the University of Pittsburgh.
- Joshua Canavan ’19 is attending optometry school at Ohio State University.

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.