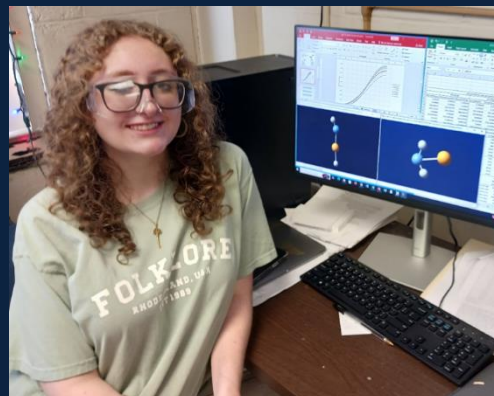


Canisius University Department of Chemistry and Biochemistry

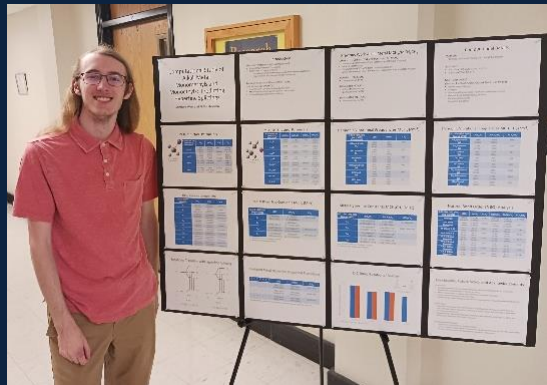
Why Study Chemistry or Biochemistry?

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, biochemists, 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

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



Undergraduate Research

- Undergraduate Students are the Primary Researchers
- Paid Research Opportunities Starting after First Year
- Faculty Research Projects in:
 - Biochemistry
 - Organic Synthesis
 - Environmental Chemistry
 - Spectroscopy
 - Computational Chemistry
 - Analytical Chemistry
- Bieron Summer Research Symposium
- Ignatian Scholarship Day
- Students Present Results at Local and National Meetings
- Students Co-Author Research Publications



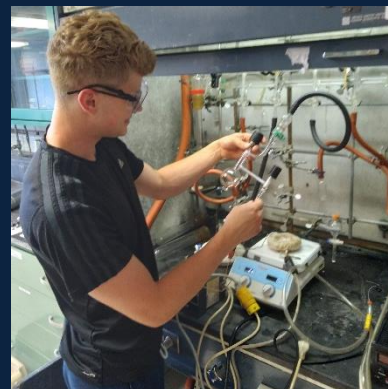
Chemistry and Biochemistry BS Degrees

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 science/math courses (select Catalog at canisius.edu/chemistry or canisius.edu/biochemistry for details). Faculty in the Department work closely with students to help select the track that fits their career goals.

- Chemistry Health Track
 - Medical, Dental, Pharmacy, Physician Assistant Programs
- Chemistry American Chemical Society (ACS) Certified Track
 - Graduate School
- Chemistry Track
 - Chemical Industry
- Biochemistry Track
 - Medical, Dental, Pharmacy, Physician Assistant Programs
- 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
- BS Chemistry/MS Adolescence Education & Students with Disabilities Generalist Dual Degree (5 year)



Student Outcomes

More than 90% of chemistry and biochemistry majors, who applied 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:

Nathan Kohler '22 is employed as a chemist at Niacet Corporation.

Nick Gossels '23 and Brendan Davie '24 are attending medical school at the University at Buffalo.

Samantha Michlin '23 is attending the accelerated BS in nursing program at Ashland University.

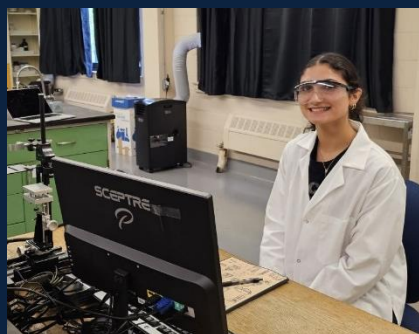
Grace Gibson '22 is enrolled in the physician assistant program at Daemen University.

Alann Au II '23 is enrolled in the PhD program in chemistry at Northwestern University.

Hannah Rivett '23 is enrolled in the PhD program in chemistry at the University of Michigan.

John Federice '23 is enrolled in the PhD program in chemistry at the University of Arizona.

Alexis Grassl '24 is enrolled in the PhD program in physics at Cornell University.



chemistry

Contact Us

For more information about majoring in chemistry or biochemistry, email the Department Chair (Dr. Phillip Sheridan) at sheridap@canisius.edu or visit our websites using the QR codes.



biochemistry

