Let your curiosity take you further.

The Bayer School’s chemistry programs offer a great science education.

From the moment you start classes, you’ll have the opportunity to work alongside amazing faculty and fellow students, conduct hands-on research and build the foundation for an exciting science career.

Degrees offered:
- B.S. in Chemistry
- B.S. in Biochemistry
- B.S. in Environmental Chemistry
- B.A. in Biochemistry
- B.S./M.S. in Chemistry (4+1)

Learn more about each program’s course requirements and sequences: duq.edu/chemistry/undergraduate-courses

Duquesne has been designated as a top school in educating STEM talent by STEM Jobs magazine.

Learn by doing in our cutting-edge labs.

Conduct your chemistry work right on Duquesne’s campus in 30,000 square feet of modern work space.

You’ll have access to the best instrumentation while studying chemistry at Duquesne. From X-ray diffractometers to mass spectrometers to supercomputers, you’ll work hands-on with sophisticated technology to make your ideas come alive.

Check out more details about our chemistry instrumentation: duq.edu/chemistry/instruments
Duquesne’s annual Undergraduate Summer Research Program is a 10-week, intensive research experience that includes seminars with academic and industrial scientists, and community service opportunities: duq.edu/urp
Meet the faculty ready to help you succeed.

You’ll learn from award-winning scientists and experts in their fields.

Our chemistry professors do more than teach. They are respected scholars who receive prestigious awards from the American Chemical Society, federal agencies, science patents, and University honors for teaching, scholarship, and service.

**Dr. Jennifer Aitken**
Professor  
Research area: Elucidation of new crystal structures, synthesis and study of novel solid state materials

**Dr. Bruce Beaver**
Professor  
Research area: Reactions of molecular oxygen with indole and carbazole derivatives

**Dr. Aaron Bloomfield**
Assistant Professor  
Research area: Homogeneous catalysis and green chemistry

**Dr. Michael Cascio**
Associate Professor  
Research area: Biochemical characterization of channels/transporters

**Dr. Jeffrey Evanseck**
Professor  
Lambert F. Minucci Endowed Chair in Engineering and Computational Sciences  
Research area: Theoretical biophysical and physical organic chemistry

**Dr. Ellen Gawalt**
Department Chair and Hillman Distinguished Professor  
Research area: Chemical modification of metal oxide surfaces used in biomaterials

**Dr. Paul Johnson**
Assistant Professor  
Research area: Chemical education

**Dr. Shahed Khan**
Associate Professor  
Research area: Electrochemistry

**Dr. H.M. (Skip) Kingston**
Professor  
Research area: Environmental analysis using ICP-MS

**Dr. Rita Mihailescu**
Professor  
Research area: Protein-nucleic acid interactions; NMR spectroscopy

**Dr. Thomas Montgomery**
Assistant Professor  
Research area: Novel methods for synthesis of bio-relevant compounds

14:1 student-faculty ratio
Dr. Alicia Paterno Parsi  
Assistant Professor  
Research area:  
Chemical education

Dr. Tomislav Pintauer  
Professor  
Research area: Inorganic, organometallic and polymer chemistry

Dr. David Seybert  
Professor  
Research area:  
Macromolecular crowding effects on enzyme catalysis and regulation

Dr. Michael Van Stipdonk  
Associate Professor  
Research area: Mass spectrometry and gas-phase ion chemistry

Dr. Stephanie Wetzel  
Assistant Professor  
Research area: Analytical and forensic chemistry

Want to enter a specific research area?  
Learn more about our faculty’s interests:  
duq.edu/chemistry/faculty
Connect to a bright future.

From the moment you start classes at the Bayer School, we stand ready to help you succeed.

Whether you know exactly how you want your science career to take shape, or need some assistance along the way, Duquesne will help you unlock your potential. In addition to career guidance from faculty, the University’s Career Services Center can link you to job fairs, internships and research opportunities.

Duquesne’s chemistry graduates find successful careers in a wide range of fields. And you will, too. Recent graduates have gone on to become doctors, chemists, engineers, teachers and lab technicians in companies including PPG, Covestro, U.S. Army Labs, and Valspar.

Visit duq.edu/career-services to learn more.
Our chemistry students have been accepted into some of the top graduate schools in the nation, including University of California, Berkeley, Northwestern University, Harvard University, Yale University, and the University of Pennsylvania.

Sarah Richards
B.S. in Chemistry ‘15
Covestro

“One of my favorite parts of the Bayer School is the attention each student receives. There were always people around to engage with me and encourage me to strive for more.”
If you're interested in pursuing a career in medical or other health-related fields, our Pre-Medical and Health Professions Programs can guide you through the professional school application process. Learn more at duq.edu/pmhpp

Study and work in a city built for science.

Home to leading companies in the technology, medical, pharmaceutical and environmental fields, Pittsburgh is the perfect place to pursue a chemistry degree.

Duquesne’s location in the heart of Pittsburgh puts you just steps away from great internships and job opportunities in emerging industries. Our chemistry students have taken part in research projects at prestigious organizations such as Covestro, PPG, NASA and University of Pittsburgh Medical Center, gaining real-world experience at admired institutions.

Check out more about what Pittsburgh offers at duq.edu/pittsburgh
Jared Romeo  
B.S. in Chemistry ’12  
Internal Medicine Resident, UPMC  
University of New England College of Osteopathic Medicine

“Duquesne’s Bayer School took an extremely personal interest in my scientific career. As an undergraduate, I had the opportunity to complete independent research with funding every year. This made me stand out as a candidate for medical school, and it spring-boarded my current career as a physician scientist.”

Pittsburgh Named  “U.S. Tech Hub to Watch”  
- VentureBeat, 2018
A top-tier education at a great value.

A Duquesne chemistry degree is an investment in your future, and financial aid is available to help put our high-quality education within reach.

Independent sources such as U.S. News & World Report and Kiplinger’s consistently rank Duquesne high as a great college value. And, the Bayer School offers scholarship programs such as The Bayer School Scholars Program, NSF/S-STEM Scholarships, Frank & Patsy Deverse Endowed Science Scholarship and The Crable Endowment Scholarship—just for budding scientists like yourself.
Megan Wasson
B.S. in Chemistry ’17
Ph.D. Graduate Student, Northwestern University
Department of Chemistry

“The Bayer School provided me with excellent instruction, world-class undergraduate research opportunities, and wonderful professionals committed to our scientific and personal growth. These experiences at Duquesne were instrumental in motivating me to explore the opportunity and enroll into Northwestern’s Chemistry Ph.D. program.”
About Duquesne

A nationally ranked Catholic university, Duquesne is recognized for its outstanding academic and research programs. The University has earned accolades from *U.S. News & World Report*, Princeton Review, and *Washington Monthly Magazine*. Situated in the heart of downtown Pittsburgh, Duquesne is home to nearly 10,000 students in 80 undergraduate and 90 master’s, doctoral and professional programs across nine schools of study.

Call us: 412.396.6340

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