DEPARTMENT OF CHEMISTRY, MATH & PHYSICS

ACCEPT THE CHALLENGE™

Why choose chemistry studies at Geneva?

The Geneva College chemistry department exists to educate students in the disciplines of chemistry and chemical engineering. We seek for our students to develop a solid competence in the fundamentals of chemistry as defined by the guidelines for our American Chemical Society-approved program. We also desire to instill an enthusiasm for the process of discovery and research and an awareness of the tremendous responsibility and the sense of awe that comes with understanding and managing the material aspect of God's creation.

- Since 1958, approved by the American Chemical Society (ACS)—a distinction achieved by only six schools in the Council for Christian Colleges & Universities (CCCU).
- Extensive research and laboratory experience, including work on the *Pedobacter heparinus* bacterial genome in conjunction with the U.S. Department of Energy
- Modern Roy W. Adams Chemistry Center in the Science & Engineering Building
- Independent research opportunities

What degree options are available at Geneva?

B.S. in CHEMISTRY
B.S. in BIOCHEMISTRY
B.S. in ENGINEERING (BSE), with a concentration in CHEMICAL ENGINEERING (ABET accredited)
SECONDARY EDUCATION CERTIFICATION in CHEMISTRY—students complete a B.S. in Chemistry along with supplementary courses such as technology, science education methods, assessments and exceptionalities in the classroom, as well as student teaching, to achieve a teaching certificate

What can I do with a chemistry degree?

- Biochemical or chemical research and development
- Technical sales and customer support in industry
- Environmental chemical analysis
- Healthcare-related fields
- Specialized careers such as forensic science, medicine, biomedical engineering and pharmacology
- Anything that requires good quantitative and logical thinking ability

Where are Geneva chemistry graduates now?

- Ph.D. programs at universities including Penn State University, the University of Minnesota, Johns Hopkins University, Bucknell University, Duquesne University, the University of Pittsburgh, University of Virginia, and the University at Buffalo (SUNY).
- Government jobs such as the FBI or the EPA
- Many industrial companies such as PPG, Bayer, First Energy and Merck
- In teaching careers at the secondary and college level

What internships are available through Geneva?

- Schroeder Industries
- Merck
- Siemans Environmental
- Merisol
- Almantis
- Sensibility Organics
- Environmental Protection Agency
- Academic Research Internships at Duquesne University, University of Akron, University of Pittsburgh and Geneva's own summer research institute

What are some classes I might take at Geneva?

- Inorganic Chemistry
- Genetics
- Organic Chemistry I & II
- Quantitative Analytical Chemistry

Academic Organizations

- Chemistry Club (sponsor of the annual "Big Kablooey" science demonstration series)

Now dig deeper…

…by visiting www.geneva.edu to find full descriptions of majors and concentrations, read current student stories, meet the faculty, schedule your campus visit and apply for admission.

"I have been challenged by my professors and friends to grow in my faith. At Geneva, I have realized that my relationship with the Lord is an intentional choice I make every day."

Nick Greenfield, chemistry graduate