

Sciences



Where *Exceptional* Begins

Why study the sciences at Mount Union?

- A diverse and innovative curriculum.
- One-on-one personal attention.
- Hands-on learning and research opportunities.
- Excellent facilities and equipment.
- The proven success of our graduates.

Because Mount Union is where *exceptional* begins.

“Biochemistry provides both the biology and chemistry sides of science. Instead of limiting myself by only majoring in one, I get to see how both sides work together.”

Eva Laino '14
Biochemistry major

Proven Success

Employers of Our Science Alumni

Alliance Water Treatment Plant,
Ball Aerospace and Technologies Inc.,
Devon Energy, Exxon Mobil, Hughes
Aircraft, Scripps Research Institute,
Sherwin Williams, Stark Parks,
The Timken Co., Walgreens Pharmacy

Graduate Schools of Our Science Alumni

Bryn Mawr College, Carnegie Mellon
University, Case Western Reserve
University, Duquesne University,
Indiana University, Massachusetts
Institute of Technology, Ohio State
University, Pennsylvania State University,
Stanford University, University of Arizona,
University of California, University of
Florida, University of North Carolina,
University of Texas, Yale University

For More Information

Office of Admission

1972 Clark Ave., Alliance, OH 44601
(800) 334-6682 or (330) 823-2590
admission@mountunion.edu

Visit us online at mountunion.edu or
stay connected with #MountUnion
through social media.



Biochemistry

Program | major

Careers | research, pharmaceuticals, biotechnology, food industries, genomics, medicine, health professions

Biochemistry, the study of chemical processes in living organisms, is an ever-growing field of study. In fact, biochemistry has become so important that now nearly every area of the life sciences is engaged in biochemical research. Our innovative curriculum, which is approved by the American Chemical Society, provides a unique plan, which encourages undergraduate research and exploration while tailoring our program to align with your career goals.

Visit | mountunion.edu/biochemistry

Biology

Program | major, minor

Careers | biotechnology, forensics, research, conservation, health professions, education

Our major in biology will provide you with an understanding of life as a process and an extraordinarily high degree of hands-on involvement. You'll have unique opportunities to study in the field at our own nature center and off-campus sites, or work hand-in-hand with our faculty on research that complements your future aspirations.

Visit | mountunion.edu/biology

Chemistry

Program | major, minor

Careers | research, materials development, process analysis, environmental analysis, education, biotechnology, medicine, health professions

Chemistry, the study of matter and its transformations, is the Central Science. The synthesis of new chemical compounds and materials, the characterization of molecular processes, and the determination of the environmental fate of pollutants - discover these topics and more in our uniquely-structured chemistry program that is approved by the American Chemical Society. Build logic, problem-solving and reasoning skills, all while tailoring our program to align with your career goals.

Visit | mountunion.edu/chemistry

Environmental Science

Program | major, minor

Careers | environmental monitoring, natural resources and conservation, research, public health

Learn to solve environmental issues through our innovative program that emphasizes hands-on field and laboratory experiences. Our unique curriculum will expose you to in-depth scientific study as well as economics, ethics and policy, all through the lens of the environmental perspective.

Visit | mountunion.edu/environmental-science

Geology

Program | major, minor (a minor also is offered in earth science)

Careers | mining and minerals, education, environmental geoscience, oil and gas industry, hydrogeology

Geology is the science of the Earth – its composition, structure, minerals, processes, products and history. Learn to tackle challenging scientific problems involving the environment, natural resources and man-made and natural hazards through our program while exploring where your future may lead through exceptional research opportunities.

Visit | mountunion.edu/geology

Physics

Program | major, major with a concentration in astronomy, minor in physics or astronomy

Careers | applied physics and engineering, astronomy, astrophysics, post-secondary and university teaching, experimental and theoretical physics research, government and industry
Master fundamental principles of the sub-atomic and the universe in our dynamic program that blends theory, experimentation and exploration. Student-centered projects develop the individual as a physicist and/or astronomer. Hands-on experiences solidify the concepts using simple and complex equipment including high-energy lasers, precision spectrometers or optical and radio telescopes.

Visit | mountunion.edu/physics

Non-Discrimination Statement

The University of Mount Union prohibits discrimination on the basis of race, gender, gender identity or expression, sex, sexual orientation, religion, age, color, creed, national or ethnic origin, veteran status, marital or parental status, pregnancy, disability, or genetic information in student admissions, financial aid, educational or athletic programs, or employment as now or may hereafter be required by university policy and federal or state law. Inquiries regarding compliance may be directed to Pam Newbold, director of human resources and employee development, Beeghly Hall, (330) 829-6560, newbolph@moundunion.edu.

Consumer Information Disclosures

As a prospective student, federal regulations stipulate that you have the opportunity to access various types of consumer information.

If you wish to obtain a copy of the Campus Crime Report, please contact the Office of Admission. This report is published annually and includes information about campus security policies, procedures, and practices; and statistics for the occurrence, during the prior three calendar years,

of criminal offenses that were reported to local police agencies or to a campus security authority.

If you wish to obtain a copy of the Equity in Athletics Disclosure Act Report, please contact the Office of Admission. This report, which contains athletic program participation rates and financial support data, is compiled annually and available to the public.

Higher Education Report Card

The Higher Education Report Card is a federal requirement of Title II for all colleges and universities offering teacher preparation. The University of Mount Union is proud to announce that in the 16th year of reporting, the 2014-2015 academic class of new teachers met the statewide pass rate in the summary total of Ohio Assessment for Educator tests in which the University prepares teachers. This information will continue to serve as a benchmark as the University continues to build upon its rich tradition of preparing new educators.

Accreditations and Affiliations

The University of Mount Union is accredited by the following organizations: the Higher Learning Commission (www.hlcommission.org) as a Degree-Granting Institution; Department of Education of the State of Ohio; University Senate of the United Methodist Church; Ohio Board of Nursing; National Collegiate Athletic Association; Ohio College Association; Ohio Board of Regents (Certificate of Authorization); Ohio Athletic Association; Association of Independent Colleges and Universities of Ohio; National Association of Schools of Music; Accreditation Review Commission on Education for the Physician Assistant, Inc. (ARC-PA); and National Association of Sport and Physical Education-North American Society for Sport Management (NASPE-NASSM). The athletic training program is approved by the Commission on Accreditation of Athletic Training Education (CAATE); Mount Union's teacher education program is approved by the Ohio Department of Education and accredited by the National Council for Accreditation of Teacher Education (NCATE); and Mount Union's Department of Chemistry and Biochemistry is approved by the American Chemical Society (ACS).