

# Engineering



## Why study civil or mechanical engineering at Mount Union?

A diverse and innovative curriculum.  
One-on-one personal attention.  
Hands-on learning and research opportunities.  
Excellent facilities and equipment.

Because Mount Union is where *exceptional* begins.

*"I knew I wanted a liberal arts education on top of a degree in mechanical engineering because it would set me apart from others after graduation."*

Alina Selby '14  
Mechanical engineering major

### Proven Success

**Employers of Our Engineering Alumni**  
EQT Corporation, H-P Products, Michael Baker Jr. Inc., Terydon, Inc.

## 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](http://mountunion.edu) or stay connected with #MountUnion through social media.



## Civil Engineering

**Program** | major

**Careers** | structural design, construction management, transportation planning, geotechnical design, environmental stewardship, urban planning, project management, water resources management

Our ever-evolving global society is in dire need of well-rounded engineers in the workforce. A degree in civil engineering from Mount Union will provide students with the broad-based education and diverse experiences to fulfill industry needs. Undergraduate research opportunities, an international experience, off-campus internships and a strong liberal arts foundation are just a few of the many ways Mount Union will prepare students for a challenging and rewarding career in civil engineering. A strong focus on math and science and depth in technology are integrated into the curriculum to provide students with problem-solving and critical thinking skills. The integration of simulation software and out-of-classroom experiences allows students to get exposure to real-world problems. Smaller class sizes at Mount Union allow for more time to collaborate on finding creative solutions to complex issues.

**Visit** | [mountunion.edu/civil-engineering](http://mountunion.edu/civil-engineering)

*Mount Union has developed its engineering programs following the guidelines of the Engineering Accreditation Commission of ABET, Inc. The University will seek full accreditation for these programs by following the timeline outlined by ABET when the first students graduate from the programs. Expected accreditation of the programs at that time will allow all graduates to note graduation from an accredited program on their credentials.*

## Mechanical Engineering

**Program** | major

**Careers** | advanced manufacturing, product design and development, energy systems, biosystems engineering analysis, dynamics and control

In order to meet an increasing demand for engineering graduates with well-rounded backgrounds, Mount Union provides the academic foundation and career preparation in the challenging field of mechanical engineering. Through hands-on activities, an international experience, exposure to product development and innovative research opportunities, students will develop the critical thinking and analysis skills that are necessary to solve complex problems faced in the current industry environment. Students will be exposed to modeling and design software that is widely used in the industry, and students will be involved in multiple out-of-classroom opportunities to enhance their experiential learning. Mount Union's mechanical engineering program offers students one-on-one attention from faculty who are actively involved with industry projects.

**Visit** | [mountunion.edu/mechanical-engineering](http://mountunion.edu/mechanical-engineering)

**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](http://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).*