



The **Bachelor of Science** in

# Civil Engineering

**Plan, design, build and manage projects.**

Civil engineering includes the planning, design, construction and maintenance of the physical and naturally built environment, including public works such as roads, bridges, canals, dams, airports, sewerage systems, pipelines, structural components of buildings and railways. Civil engineers are trusted by society to provide solutions that are sustainable, resilient and enhance the quality of life. They are stewards of the environment and natural resources, are innovative users of technology, manage risk and uncertainty and are leaders in discussions and decisions in shaping public, environmental and infrastructure policies. Civil Engineers future work will include adapting the built environment and infrastructure to new civil engineering materials, autonomous vehicles, green infrastructure and technologies.

## The Bachelor of Science in Civil Engineering

The University of Missouri–St. Louis and Washington University in St. Louis Joint Undergraduate Engineering Program combines strengths of the two universities to provide a flexible engineering program for the St. Louis Community.

- First two years at UMSL for pre-engineering and general education courses.
- Transition to the Wash U campus to complete upper-level engineering courses.
- Afternoon and evening schedules allow students to take advantage of internships and co-op positions.
- Employers regularly engage with the Joint Engineering Program and use internships and co-ops as a pathway for talent.
- Professors are industry professionals with graduate degrees and tenured WUSTL faculty.
- Students may attend part time or full time.
- Scholarship opportunities from UMSL and the Engineering Program are available.
- The Engineering Program matches quality with affordability. The cost for engineering courses is the UMSL tuition plus a fee.

**UMSL** | Joint Engineering  
University of Missouri–St. Louis  
with *Washington University in St. Louis*

## Fully accredited.

The Bachelor of Science in Civil Engineering is earned through the University of Missouri–St. Louis/Washington University Joint Undergraduate Engineering Program and is accredited by the Engineering Accreditation Commission of ABET.

## Prepare for evolving expectations.

The Joint Undergraduate Engineering Program provides a high quality engineering education that prepares students to meet the evolving expectations of industry. The program seeks to impart an education that inspires graduates to share their knowledge with others, to continually improve their knowledge and understanding, and to persistently adapt to changes in technology and world needs. The program strives to excite and nurture the intellectual, technical, professional and personal development of students through a partnership that provides a mechanism for Washington University to share its campus, resources and personnel with UMSL students. The Joint Program educates students from a diverse community by providing the skills needed to enter the engineering profession.

## Serious education. Serious value.

The Bachelor of Science in Civil Engineering is designed to provide specialized knowledge, skills and training in a flexible format. You'll learn from highly qualified educators, practitioners and researchers who hold terminal degrees from some of the world's most prestigious academic institutions.

The University of Missouri–St. Louis provides the knowledge, resources, tools, skills and support students need to be successful in our programs. Our comprehensive student support services include workshops, tutoring and career services to help you develop skills and strategies to be successful in the classroom and beyond. UMSL welcomes transfer students and our transfer specialists will assist you with getting the most transfer credits possible. We're also committed to increasing access to higher education, and as such, UMSL is consistently ranked number one in affordability in the St. Louis region.

## Learn more at [engineering.umsl.edu](http://engineering.umsl.edu)

The University of Missouri–St. Louis is the largest public research university located in Missouri's most populous and economically important region. UMSL provides high-quality, affordable education to one of the most diverse student bodies in the state. No university is better connected to the surrounding region than UMSL. Seventy-three percent of our graduates stay in St. Louis. The metropolitan region needs a workforce well-equipped to provide engineering solutions for the region's population and UMSL is prepared to help you meet that need. Choose the University of Missouri–St. Louis for civil engineering.

## Career Opportunities

Construction Operations and Management  
Geotechnical Engineering  
Structural Analysis and Design  
Transportation and Urban Planning  
Water Resources and Environmental Engineering

### Joint Engineering Program

1 University Blvd  
216 Benton Hall  
St. Louis, MO 63121  
314-516-6800

[umslengineering@umsl.edu](mailto:umslengineering@umsl.edu)  
[engineering.umsl.edu](http://engineering.umsl.edu)

### Office of Admissions

1 University Blvd.  
351 Millennium Student Center  
St. Louis, MO 63121  
314-516-5451

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[admissions.umsl.edu](http://admissions.umsl.edu)



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