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Civil Engineering at the University of Dayton

Civil engineers are the planners, designers, constructors and operators of the built environment. As a civil engineer, you could:

- Serve your local community as a city engineer, inspector, or water facility operator
- Help direct national policy initiatives or ongoing research as a member of a federal science agency
- Design buildings as a structural engineer, or build them as a construction manager
- Protect public health and the environment with sustainable waste control designs
- Manage risks from natural disasters, accidents and other threats
- Ensure the safety of our bridges and roadways

There are also civil engineers in a variety of other industries.

Because nearly all businesses deal with water quality and facilities/ infrastructure, civil engineers are employed across many sectors to address those issues. Examples range from auto and aerospace to energy and manufacturing. Civil engineers also apply their technical skills in law, education or communications and science journalism.

CIVIL ENGINEERING

AT THE

UNIVERSITY OF DAYTON

To learn more about civil engineering at the University of Dayton contact:

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Career Outlook

Civil engineering is a growing profession that has been ranked by CNN Money.com as one of the top 100 careers with big growth, great pay and satisfying work. The civil engineering profession is expected to grow by 20 percent in the ten year period ending in 2022 as the country's public infrastructure continues to age and require replacement. University of Dayton civil engineering graduates enjoy a nearly 100 percent placement rate with starting salaries averaging just above $59,000.

So why study civil engineering at UD?

- Our School's size facilitates a diverse offering of courses, students and cultures. With 160 undergraduates and 12 full-time faculty, the Department of Civil Engineering offers a close-knit community with plenty of personalized mentoring and advising opportunities.
- There are no weed-out courses or enrollment quotas. Once you are admitted as an engineering major at UD, our faculty and staff are committed to your success.
- Our retention (66%) and graduation (79%) rates in the School of Engineering are much higher than the national average. Between 95 and 100 percent of our civil engineering graduates find jobs, attend graduate school or join the military within the first six months of graduation. Our graduates also pass the Fundamentals of Engineering (FE) Exam at a much higher rate than other schools, in their path to a Professional Engineer license.
- We offer six concentration areas—environmental engineering, structural engineering, transportation engineering, water resource engineering, geotechnical engineering, and construction engineering. Our students take more than 30 hours of courses in the arts, social sciences and humanities to be well rounded professionals. You also have the flexibility to consider popular minors such as Sustainability, Energy and the Environment (SEE) or business that are offered outside the department.
- The School of Engineering is one of the top graduate engineering programs in the country according to U.S. News and World Report. We offer a five-year accelerated bachelor's plus master's program, a five-year MBA ready program, and a master's in civil engineering.

Experience Engineering at UD

In the Department of Civil Engineering, we want you to get as much hands-on, real world experience as possible. From co-op and internship placements to ETHOS and study abroad, we will help you find your passion in engineering. Our students can participate in three to five paid co-op work terms **and** graduate in four and a half years.

On campus, we offer a variety of student organizations including student chapters of the American Society of Civil Engineers (ASCE), Institute of Transportation Engineering (ITE) and Ohio Water Environment Association (OWEA). The University's Rivers Institute works to promote and protect the Great Miami River watershed through learning and undergraduate research. Our Summer Undergraduate Research Program (SURE) pairs students interested in research careers with a faculty mentor for a paid research experience.