WHY UW?

- Continuing UW engineering students and high school seniors are offered more than **275 merit-based scholarships** each year.
- Approximately **90%** of CEAS **courses are taught by tenured faculty**, with graduate students assisting in the labs.
- The small size of the college, **a student-faculty ratio of 20:1**, and an **average class size of 25** provides great hands-on learning and the opportunity to participate in undergraduate research.
- Fall and spring career fairs are attended by **50-60 local, regional and national employers/ organizations** hiring UW engineering students for internships and positions upon graduation. **Upon graduation about 55% of graduates have a job in their chosen field**, at 3 months 75%, and 6 months 90%.
- UW College of Engineering and Applied Science (CEAS) seniors consistently pass the Fundamentals of Engineering Exam with scores **5-12% above the national average.**
- Three UW residence hall floors with a **computing laboratory** house approximately 150 students and are designated for engineering students only.
- With **more than 250 recognized student organizations**, UW offers a wide range of opportunities to fit your interests and needs. Engineering students can choose to become involved in ASCE (American Society of Civil Engineering), AEI (Architectural Engineering Institute), TBP (Tau Beta Pi), SWE (Society of Women Engineers) and many more.
- The International Engineering Club, along with Engineers without Borders-Wyoming, was formed to facilitate students interested in **study abroad, international internships or international service.**

GO FOR GOLD

Contact Information

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Civil and Architectural Engineering Faculty

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M.Arch., AIA, University of Oregon, 2005
Shawn Griffiths
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Ph.D., P.E., Virginia Tech, 2015
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M.S., P.E., Washington State University, 2005
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Ph.D., P.E., Purdue University, 1990
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Jianting Zhu
Ph.D., P.E., Dalhousie University, 1996
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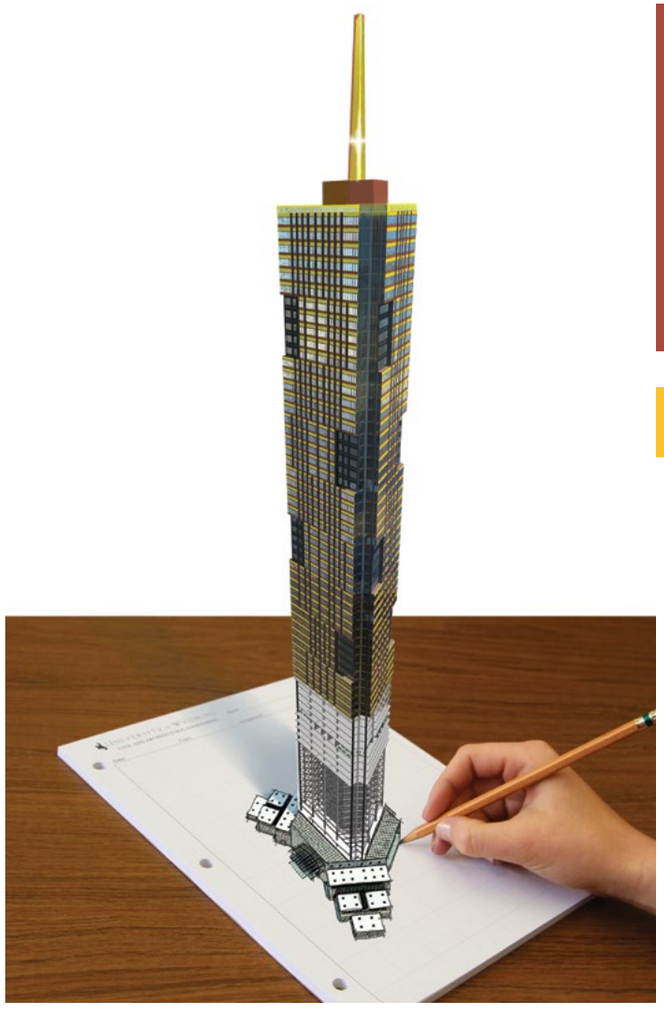
Ph.D., P.E., University of Utah, 2012

UW | COLLEGE OF ENGINEERING AND APPLIED SCIENCE

CIVIL AND ARCHITECTURAL ENGINEERING

CIVIL AND ARCHITECTURAL ENGINEERING



The Department of Civil and Architectural Engineering provides ABET-accredited degree programs in civil engineering and architectural engineering, as well as a minor in land surveying. Civil engineering majors are provided course options in environmental, geotechnical, structural, transportation, and water resource engineering. Architectural engineering majors have course options in building structural systems and building mechanical systems. Our programs combine fundamental theory, experimental laboratory experiences and computer modeling and simulation. Incoming freshmen experience at least one designed-based course each year in an innovative course sequence called VISTA (Vertically Integrated Science and Technology Application), where students tackle modern engineering challenges from their very first semester. Undergraduate students find on-campus opportunities in the research laboratories and with a unique cooperative learning experience on the Wyoming Department of Transportation's Design Squad.

» Find out more at uwyo.edu/civil

Civil and Architectural Engineering

The Department of Civil and Architectural Engineering emphasizes the following themes:

Environmental stewardship—Sustainable practices for natural and man-made systems to protect human health and the environment.

Infrastructure design, repair and rehabilitation—Extending the life and utility through developments in materials technology and systems operation.

Rural transportation safety—Enhancing the safety of all forms of the transportation network in the rural west.

Sustainable building practices—Model, create and operate buildings that are energy efficient, resilient and healthy.

Water resources—Understanding the changing hydrologic processes that govern the water resource.

Civil and architectural engineering jobs are projected to grow 20% by 2022.

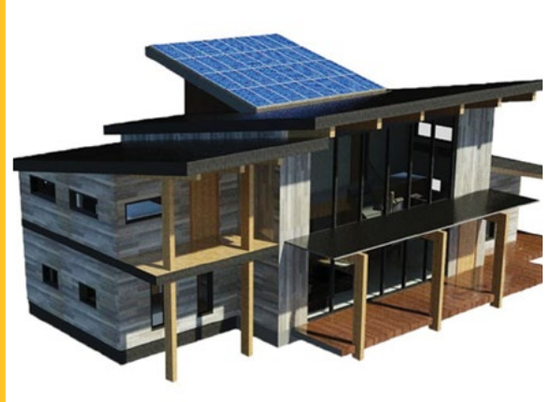
Degree Programs

- **Bachelor of Science in Civil Engineering**
- **Master of Science in Civil or Environmental Engineering**
- **Doctor of Philosophy in Civil Engineering**
- **Bachelor of Science in Architectural Engineering**
- **Master of Science in Architectural Engineer**
- **Land Surveying Minor**
- **Dual or Concurrent in Civil and Architectural Engineering**
- **Quickstart BS/MS in Civil and Architectural Engineering**

Careers in Civil and Architectural Engineering

Graduates from our program find employment with public agencies, private firms and in industry in small towns and large cities nationwide. Our placement of students in positions or in graduate schools each year is nearly 100 percent. The U.S. Bureau of Labor Statistics projects 20 percent employment growth from 2012-2022 in civil engineering and 5 percent growth for architectural engineers.

UW students work with community members in Kenya developing clean water sources.



Environmentally friendly communities are becoming reality thanks to UW's research into zero-energy homes, which utilize renewable power sources.