



College of Engineering
UNIVERSITY OF WISCONSIN-MADISON

EXPLORE OUR CAMPUS

QUICK TOUR

EXPLORE OUR CAMPUS

The College of Engineering includes eight buildings—seven of which you can visit on this tour (use the map on the back to navigate). Our eighth building, the historic Water Science and Engineering Building, is located toward the east end of the UW-Madison campus on the shore of Lake Mendota, the largest of Madison's four lakes. It's adjacent to our most popular student union, the Memorial Union, and its lively, expansive lakefront terrace.

While this tour will give you a look at some of our awesome engineering spaces, our faculty, staff and students are the people who bring this collection of buildings to life and make our engineering campus a welcoming, supportive, fun community in which you can work, learn, discover, grow—and make a difference.

Consider the College of Engineering as the next step in your educational journey—and in the meantime, enjoy your journey through our campus!



STOP 1 ENGINEERING HALL

Within this building, our faculty, staff and students conduct research that leads to advances in many areas. For example:

- Improvements in transportation systems and safety
- New, more sustainable ways to generate energy
- Better tools and techniques to help diagnose and treat disease

A few signature spaces:

- **The atrium, known as the Huiwegste Family Commons.** This bright, colorful area is a true gathering space for our faculty, staff, students and visitors, who use it for everything from individual study and team meetings to a cozy place to relax or savor a snack.
- **Engineering Career Services.** Located right next to the Badger Market, ECS connects thousands of engineering students annually with employers looking to fill internship, co-operative and full-time positions.



STOP 2 ENGINEERING CENTERS BUILDING

Within this building, our faculty, staff and students conduct research that leads to advances in areas such as electronics, manufacturing, medical devices, understanding diseases, and improving human health.

A few signature spaces:

- **The TEAM Lab.** The Technical Education and Manufacturing Lab offers nearly 14,000 square feet of modern machine shop space in which engineering students can bring their ideas to life.
- **Biomedical Engineering Design Labs.** These facilities offer biomedical engineering undergraduates a collaborative place to work.
- **Myers Student Automotive Center.** Our very well-equipped student "auto garage" is located on north end of the building's main floor, near the front entrance. It is home to several of our students' competitive vehicles, including snowmobiles, Formula cars, Baja cars and more.



STOP **3**
**MECHANICAL
ENGINEERING
BUILDING**

Within this building, our faculty, staff and students conduct research that leads to advances in many areas including higher-performance engines and environmentally friendly materials for making plastic and 3D-printed products.

A few signature spaces:

- **Max Carbon Radiation Science Center.** You might be surprised to learn that a nuclear reactor is among our college's facilities. Unlike utility companies' nuclear reactors, ours isn't built to generate power is used for research and education.
- **The driving simulator.** This unique laboratory includes a full-size Ford Fusion and a 240-degree screen with surround sound. It enables our researchers to better understand what factors contribute to safe—and unsafe—driving.



STOP **6**
**1410 ENGINEERING
DRIVE**

Many of the services located in this building are designed to help our students succeed—whether that be through technological resources, academic advising, support for students traditionally underrepresented in engineering, or space for individual study or group meetings.

A few signature spaces:

- **The Computer-Aided Engineering (CAE) computer labs.** Located in two adjacent main-floor rooms, these spacious labs contain nearly 80 computers—all stocked with software specifically for engineering students' use.
- **The undergraduate advising suite.** More than 15 advisors provide valuable guidance and support that helps our undergraduates keep their education and overall student wellness on track.



STOP **4**
**ENGINEERING
RESEARCH BUILDING**

Faculty, staff and students located in ERB study a wide range of topics. As one example, they research how materials behave in applications that include aerospace, geology, nuclear energy, medicine and many others.

A few signature spaces:

- **Pegasus III,** one of UW-Madison's two major fusion experiments. It's located in an expansive space in the building's lower level.
- **Engine Research Center laboratories.** Also located in the lower level are various facilities that contain engines for research in areas that include combustion, emissions and fuel efficiency, among others.



STOP **7**
**WENDT
COMMONS**

Wendt is home to our 12,000-square-foot makerspace; small, medium and large high-tech classrooms and study spaces; and the college's Undergraduate Learning Center, which provides valuable academic support resources important in our students' success.

A few signature spaces are:

- **First floor:** The Kohler Innovation Visualization Studio. A new space that enables its users to truly interact with designs and data, the studio features VR technology and a giant interactive screen.
- **Second (main) floor:** The college makerspace. An innovator's playground, the makerspace is 12,000 square feet of high-tech tools—along with people who can help engineering students learn to use them—for turning almost any idea into a reality.
- **Third floor:** Classrooms and study space. Loaded with technology and designed with the flexibility to accommodate many modes of teaching, learning and studying, these light-filled rooms come in small, medium and large sizes.
- **Fourth floor:** The Undergraduate Learning Center, or ULC. We want to help our students achieve their educational goals, and this important team offers tutoring and other academic support resources. It's also a place where students can study, form study groups, and discuss engineering concepts and problem-solving strategies with each other and with the tutors.



STOP **5**
**MATERIALS SCIENCE
AND ENGINEERING**

The materials scientists and engineers who work and learn in this building help create and improve the materials that make up almost everything we use or enjoy today—from electronics to energy and construction to medicine.

A signature space:

- **Wisconsin Centers for Nanoscale Technology.** This shared research facility contains dozens of precise instruments for viewing and characterizing many different kinds of materials.



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