YOUR
COLLEGE OF
ENGINEERING
As a Badger engineer, you’re in charge of your future. We’re here to help you make it happen.

We are creative, curious and tenacious. In the College of Engineering, we don’t just learn engineering, we do it every day.

We’re a community. And while each of us has lots in common, we’re also diverse in many ways. That’s a powerful thing. Together, we envision a better future. Our unique backgrounds, viewpoints and experiences expand our thinking and help bring really great ideas to life.

Maybe you’ve known for most of your life that you would be an engineer. Maybe you are still trying to decide exactly how you can make a difference in our world.

In our college and across the UW-Madison campus, there are boundless opportunities for you to find your niche, define your goals, and create a college experience that is uniquely yours.
UW-Madison is a place where you can take advantage of all of the benefits of a large, diverse and beautiful campus in the heart of a really neat city.

It's one of the top universities in the world, and it's located in a college town renowned for its natural beauty, culture and quirkiness, as well as its friendly, small-community-in-a-big-city vibe. Whether you're soaking up the excitement of football game day with 80,000 red-clad Badger fans, hanging out at the Memorial Union's lakefront terrace with a group of friends, or exploring the cafes, shops, restaurants, museums, natural areas and more just steps away, you'll find lots of things to do on campus and beyond. And once you've lived here, we're pretty sure Madison will always hold a special place in your heart.

“I had the opportunity to take courses in history, anthropology, jazz music history (with now-retired professor and marching band director Mike Leckrone), and even ballroom dance. With all of this experience, the University of Wisconsin helped me to think critically and provided the foundation for future success.”

Paul Dauenhauer
• Chemical engineering graduate
• Lanny Schmidt Honorary Professor, Department of Chemical Engineering & Materials Science, University of Minnesota
• Recipient of a MacArthur Foundation genius grant
We're going places, and so can you.

We're a top-10 public engineering college, and hundreds of local, state, national and international employers recruit here because they want great (not just good) engineers.

We have 13 engineering majors, all ranked among the top 25—so you can find the engineering field that's the best fit for you (even if you decide to switch later).

Undergraduate Majors

Biomedical Engineering
Chemical Engineering
Civil Engineering
Computer Engineering
Electrical Engineering
Engineering Mechanics (+ Aerospace Engineering option)
Engineering Physics
Environmental Engineering
Geological Engineering
Industrial Engineering
Materials Science and Engineering
Mechanical Engineering
Nuclear Engineering

Explore more: https://www.engr.wisc.edu/engineering-major

3,700+ employers recruiting engineers
93% students who get engineering jobs or go to grad school

"Wisconsin really opened my eyes up to the joy of seeing an idea in your head and taking it completely to the finish line. Secondly, the importance of taking initiative, really believing in the power of community, believing in the power of hands-on experience to make things happen. Wisconsin gave me the confidence that I had something unique to bring to the table and that I could really help change the world."

Navrina Singh
• Electrical engineering graduate
• Has spearheaded major initiatives at Qualcomm and Microsoft

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Going to college is a big transition in a lot of ways. And as a Badger engineer, you’re not in it alone.

First of all, on Day 1, we have a celebration on Engineering Mall to welcome you. It’s like a party with 1,000 of your closest friends, and it’s a great way to meet people in your major (you’ll also get an engineering t-shirt and some cool swag). Then there’s E-Bash, where you can find out about organizations you might be interested in joining. And throughout the semester, there are events, meetings, study groups, service opportunities and more (like a podcast ... and even a scavenger hunt) to help you stay connected. Need to snuggle a dog or de-stress before exams? We’ve got that covered, too.

We also have an entire college of really outstanding, approachable professors and staff who want you to feel like part of our community, and go above and beyond to support your needs. And that includes academically, socially, financially, career development, and most importantly, your physical and mental wellness.

"Within the first few months, I was able to find a great group of people through different student organizations and dorm life. This community supported me through the transition period of the first year on campus."

Gyll Forsberg
• Geological engineering, geoscience and classical humanities major
• Hometown is Louisville, KY

24k square feet of space dedicated for studying, collaborating and working in teams
We believe that the best way to learn engineering is to do engineering, and books and lectures are only part of your education.

Create “wheels” for a dog without front legs. Design a water treatment and distribution system for a small village in Ecuador. Develop a machine learning algorithm to predict complications in people with diabetes. Modify a plastic manufacturer’s packaging to increase its recyclability. Collaborate with architecture students to design an ultra-energy-efficient home.

In the College of Engineering, you will take classes in modern spaces. You’ll also study under professors who are leaders in their engineering fields, and who are excited about passing their knowledge on to you. You’ll learn to use the same techniques, tools and equipment that practicing engineers use every day, and you’ll have many chances to apply your training to work with people, solve real problems, and make a difference.
Your classes are only the beginning of your experience as a Badger engineer.

You can get involved in any of our 50+ student organizations, from professional, leadership and service to competition and common interests. (Or, explore more: There are 1,000+ organizations at UW-Madison, and we’re pretty sure there are a few for you!)

As an undergrad, you can help pioneer new knowledge or technologies on your own or as a researcher in a professor’s lab. You can invent and make a product, start a company, or vie for big cash prizes in our entrepreneurial competitions. You can expand your world experiences in a semester studying abroad (and keep your education on track) or learn engineering on the job through an internship or co-op.

These are just some of the many ways you can fill your free time, meet people, try something new, or develop professionally. And by the end of your education, you’ll graduate with more than just a degree: You’ll have skills, friendships and memories that will last a lifetime.

“Student organizations, particularly competition teams, have really shaped me as a person, given me lifelong friends, and paved the way for career opportunities. It’s easy to feel the Badger spirit with 80,000 fans in Camp Randall. However, huddling around with 20 of my closest friends right before the big race to represent our school is the closest I’ve come to feeling like part of the Badger family.”

John Wallace
• Civil engineering and economics major
• Has Six Sigma Green Belt Certification
• Hometown is Waukesha, WI

“My study abroad semester was one of the most rewarding experiences of my life. I attended Denmark Technical University and took four different classes that counted for credit back at UW-Madison. I met students from all over the world and learned so much not just in an academic setting, but in social settings as well.”

Emily Lallierin
• Industrial engineering major
• Has Six Sigma Green Belt Certification
• Hometown is Oconomowoc, WI

1,000+ student organizations at UW-Madison

50+ engineering student organizations
"From the second I stepped on campus at UW-Madison, I knew that I would be able to pen an amazing life for myself. This was because of the myriad opportunities the university offers and the amazingly supportive networks and communities I found within the College of Engineering and beyond, including with my fellow EM/EMA students."

Emily Jewell
- Engineering mechanics graduate
- Aerospace engineering graduate student at Stanford University
- Received a "20 Twenties" award from the American Institute of Aeronautics and Astronautics and Aviation Week Network in 2019

"My first internship at ThermoFisher Scientific was my most rewarding experience. I was only a sophomore. My mentors taught me so much during my internship. Even years after, I still keep in contact with them. Their help and support opened up many more opportunities for me down the road. Professionally, the lightbar project that I designed in collaboration with engineers from other fields was eventually launched on a spectrometer."

Shane Deng
- Mechanical engineering major
- Hometown is Wuhan, China

We hope you can see yourself as a Badger engineer!

If you want to explore more, check out www.engr.wisc.edu/admissions/undergraduate-admissions

You can register for a live info session, view a recorded info session, or check out a video tour that gives you a preview of the College of Engineering along with the whole UW-Madison campus.

Or, if you’re ready, apply today! Go to admissions.wisc.edu to get started, and remember to pick an engineering major as your first choice.