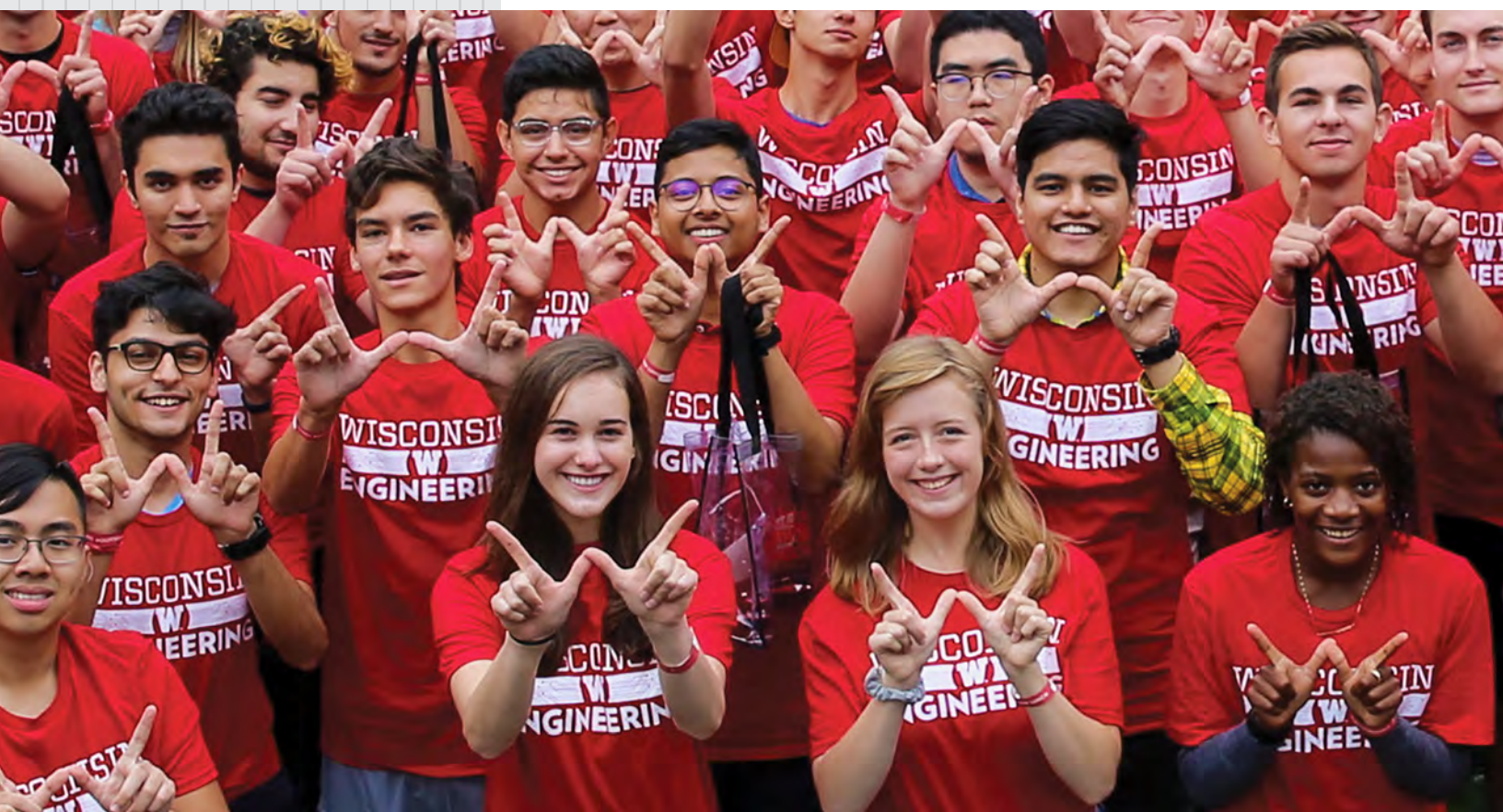




COLLEGE OF ENGINEERING





CURIOSITY COMMUNITY CREATIVITY

#7

ranked public U.S.
engineering college

100%

academic programs in the top-25
of public U.S. engineering colleges

\$69,000

average starting salary
after graduation

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.



HAVE IT ALL

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.

#1

best places to live for
quality of life 2022
(Livability)

"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



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:

go.wisc.edu/engineering-majors



FIND YOUR FIT



3,500+
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

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).



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

YOU ARE NOT 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 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.

"I found my support systems through the Leaders in Engineering Excellence and Diversity (LEED) Scholars community. This community also introduced me to the Society of Hispanic Engineers. I met many mentors and friends who were like me. They gave me the advice and resources I needed to be a successful engineer."

Christina Rivas

- Mechanical engineering major
- Hometown is Milwaukee, WI



24,000

square feet of space dedicated for studying, collaborating and working in teams





"My first internship was with H.B. Fuller construction company, after my freshman year, where I worked as a strategic sourcing intern and made over a \$1M impact by clearing up discrepancies between purchase orders and invoices when buying raw materials. Following my sophomore year, I worked for General Electric – Healthcare. Both were very valuable experiences of applying concepts I have learned in class to real life industry scenarios."

Rachel Kayman

- Industrial engineering and data science majors
- Hometown is Elmhurst, IL

100%

students who get hands-on engineering experience

65,000

square feet of high-tech fabrication and visualization tools for making ... pretty much anything!



We believe that the best way to learn engineering is to do engineering, and books and lectures are only part of your education.

LEARN BY DOING



65+

labs for hands-on learning

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.

BEYOND CLASSES

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 nearly 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.

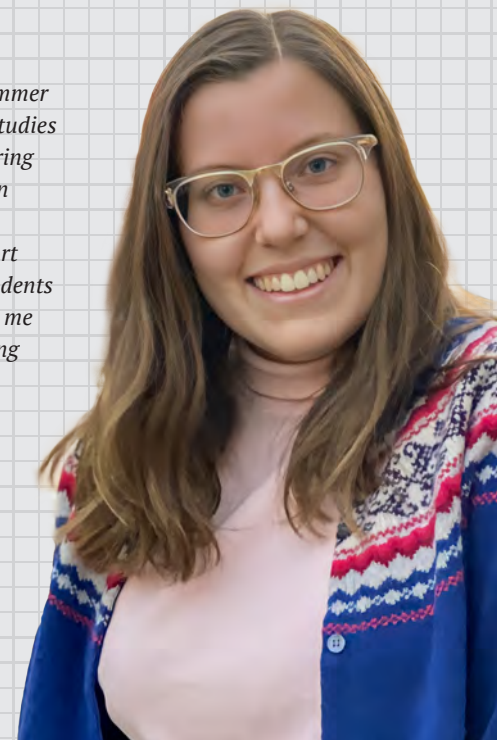
These are just some of the many ways you can fill your free time, meet people, try something new, or develop professionally. And by the end of your education, you'll graduate with more than just a degree: You'll have skills, friendships and memories that will last a lifetime.



"I studied abroad twice; first with a summer program through the School for Field Studies in Australia, and second at an engineering program at the University of Limerick in Ireland. One of the key reasons I chose UW-Madison was because of the support and encouragement for engineering students to travel abroad. Studying abroad gave me new confidence in myself, my engineering knowledge, and my ability to overcome unique challenges."

Emma Norailan

- Civil and environmental engineering and environmental studies major
- Hometown is Normal, IL



50+

engineering student organizations

973

student organizations at UW-Madison



"Once I started joining clubs and expanding my network, I found my place. I am part of Wisconsin Robotics and started the Microcontroller Club with my roommates. Joining these clubs was a great way to explore new interests and gain hands-on experience while also learning and making friends. This is one of the best decisions I have made here, as I have met some great friends and been able to work on some interesting projects."

Caden Sinur

- Electrical engineering major
- Hometown is West Bend, WI

SEE YOURSELF

We hope you can see yourself as a Badger engineer!

If you want to explore more, check out engineering.wisc.edu/admissions/undergraduate

You'll find information on how to prepare and what steps you'll need to take to apply to UW-Madison and the College of Engineering.

And 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.

50,000
engineering alumni cheering you on



"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 graduate
- Mechanical engineering graduate student at Carnegie Mellon University
- Hometown is Wuhan, China



"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
- Aeronautics and astronautics graduate student at Stanford University
- Received a "20 Twenties" award from the American Institute of Aeronautics and Astronautics and Aviation Week Network in 2019



College of Engineering
UNIVERSITY OF WISCONSIN-MADISON

