

COLLEGE OF ENGINEERING

RESOURCES

RESOURCES

Engineering students are part of the engineering community, succeed academically, get involved and connected, develop their careers, take care of their physical and mental wellness, and more. The College of Engineering offers services specifically for engineering students, in addition to the services offered campus-wide.

ENGINEERING SCHOLARSHIPS

The College of Engineering recognizes the accomplishments of incoming and enrolled students by supporting their education through a variety of scholarships at the college and departmental level. Each year the College of Engineering awards over two million dollars in scholarships.

Incoming Freshman Awards:

Selection for an Engineering Freshman Award is based on students' UW admissions application materials; no additional application is required. Students are strongly encouraged to submit a Free Application for Federal Student Aid (FAFSA®), but it is not required. After applying to UW–Madison, applicants are also encouraged to visit the Wisconsin Scholarship Hub (<https://wisc.academicworks.com/>) (WiSH), which is a full-service database that houses many other scholarship opportunities on campus.

Continuing Student Awards:

Each spring, continuing undergraduate students in the College of Engineering are eligible to apply for college-wide and departmental scholarships. The application period is usually mid-February through mid-April. Typically, students must have progressed in their major by the time of the scholarship disbursement. Students can apply by visiting the Wisconsin Scholarship Hub (<https://wisc.academicworks.com/>) (WiSH).

Off-campus Transfer Awards:

Transfer students admitted to UW–Madison and the College of Engineering in the fall or spring semester will be considered for several Transfer Student Scholarships based on students' UW admissions application materials; no additional application is required. Students are strongly encouraged to submit a Free Application for Federal Student Aid (FAFSA®) to UW–Madison but it is not required.

Find more about College of Engineering scholarships here: <https://engineering.wisc.edu/admissions/scholarships/>.

ACADEMIC ADVISING

Every College of Engineering undergraduate has an assigned academic advisor (<https://engineering.wisc.edu/student-services/undergraduate-studentadvising/>). Academic Advisors support and coach students through their transition to college and their academic program all the way through graduation.

Advisors help students navigate the highly structured engineering curricula and course sequencing, working with them to select courses each semester.

When facing a challenge or making a plan toward a goal, students can start with their academic advisor. There are many outstanding resources at UW–Madison, and academic advisors are trained to help students navigate these resources. Advisors not only inform students about the various resources, but they help reduce the barriers between students and campus resources to help students feel empowered to pursue their goals and communicate their needs.

Students can find their assigned advisor in their MyUW Student Center.

UNDERGRADUATE LEARNING CENTER

The Undergraduate Learning Center (<https://engineering.wisc.edu/student-services/undergraduate-learning-center/>) (ULC) provides tutoring and academic support programs for engineering undergraduates. It is a place where students can study, form study groups, and discuss engineering concepts and problem-solving strategies – not only with tutors but with other engineering students. The ULC provides services that are designed to fit how each student studies best.

Drop-In-Tutoring Sessions

Drop-in tutoring sessions are offered for over 60 courses in mathematics, chemistry, physics, statistics, computer sciences, and engineering. The sessions provide help with homework problems, concept review, and exam preparation. Drop-in tutoring sessions are offered each evening from Sunday to Thursday during most weeks in the fall and spring semesters.

PrEPS (Practicing Engineering Problem Solving) Labs

PrEPS is an academic support program that helps students succeed in challenging foundational courses, including statics, dynamics, and physics. The twice-per-week PrEPS labs are led by undergraduate students who have excelled in these courses. Students work in small groups with their PrEPS facilitator, who guides the sessions helping students practice strategies for improving their problem-solving skills and mastering concepts covered in lectures. PrEPS helps facilitate student learning by working through course material in a low-pressure setting and provides the opportunity to complete problems similar to those in homework sets and on exams.

Tutoring by Request

Tutoring by Request (TBR) offers one-on-one tutoring for students in critical need including transfer students, returning adult students, those with McBurney support or other barriers to learning in a traditional setting.

Find more ULC programs here: <https://engineering.wisc.edu/student-services/undergraduate-learning-center/>

STUDY ABROAD

In today's global marketplace, there is a need for broadly educated engineering graduates with cross-cultural skills and international understanding. UW Study Abroad office – called International Academic Programs – together with the College of Engineering is committed to providing international opportunities that will assist engineering students in obtaining these important skills.

The College of Engineering partners closely with the UW Study Abroad office to offer about 20 programs specifically for engineering students. This support includes dedicated STEM advisors to help students plan study abroad experiences that fit their interests, schedule, and program requirements. In addition to engineering specific programs, students can

explore over 200 additional opportunities through the UW Study Abroad office.

For more information about studying abroad: <https://engineering.wisc.edu/student-life/study-abroad/>.

ENGINEERING CAREER SERVICES

Engineering Career Services (<https://ecs.wisc.edu>) (ECS) assists students in finding work-based learning experiences such as co-ops and summer internships, exploring and applying to graduate or professional school, and finding full-time professional employment.

ECS offers two large career fairs per year, assists students with resume building and developing interviewing skills, hosts skill-building workshops, and meets one-on-one with students to discuss offer negotiations.

Students are encouraged to engage with the ECS office early in their academic careers. For more information on ECS programs and workshops, visit <https://ecs.wisc.edu>.

ENGINEERING STUDENT CENTER

The Engineering Student Center (<https://engineering.wisc.edu/about/inclusion-equityand-diversity/>) works to create a culture of belonging for all engineering students. The Center supports the College of Engineering's strategic initiatives of promoting inclusion, equity, diversity, and belonging within the College.

With partnerships across campus, the Engineering Student Center is committed to developing and implementing student-centered programs and services that are designed to foster a welcoming, supportive, and inclusive campus community. The Engineering Student Center offers a space and place for intercultural and cross-cultural engagement as well as opportunities for students to make meaningful connections with others. The center provides students a comfortable place to study with access to computers and printers, and a place to be their genuine and authentic selves.

The Engineering Student Center develops and supports programming designed to promote a welcoming climate that celebrates the diversity of all students in the College of Engineering. The variety of events include History Month Lunch and Learns, the Student Success Summit, and event programming for the Leaders in Engineering Excellence and Diversity (LEED) Scholars and the Strategic Targeted Achievement Recognition (STAR) Scholarship Program. These events are open to any student interested in engaging in a diverse learning community.

The Engineering Student Center works closely with some identity-based engineering student organizations, including the UW-Madison chapters of the National Society of Black Engineers (NSBE), Queer and Trans Engineers (QTE), Society of Hispanic Professional Engineers (SHPE), and the Society of Women Engineers (SWE).

The Engineering Student Center, with the help of undergraduate student leaders, also offers engineering outreach visits on campus and at high schools. In the summer, both residential and virtual programs for high school students are offered, including the Engineering Summer Program and Engineering Tomorrow's Careers (Society of Women Engineers).

COMPUTER-AIDED ENGINEERING CENTER

Computer-Aided Engineering (<http://cae.wisc.edu>) (CAE) provides computing resources, facilities, and services for students, faculty, and staff in the college. The broad range of services and resources include:

- Windows and Linux computer classrooms;
- open labs which have Windows and Linux workstations;
- industry-standard engineering software;
- software and services available on students' personal computers;
- reliable file storage for coursework; and
- customer consulting and help-desk services.

For more information, see the CAE website: <http://cae.wisc.edu>.

WELLNESS SERVICES

The College of Engineering partners with University Health Services to offer targeted wellness resources to engineering students. The College has an embedded mental health provider just for engineering students. This person hosts drop-in counseling appointments, connects students to other resources as needed, and provides information about opportunities and resources that benefit engineering students and their well-being.

University Health Services' mental health (<https://www.uhs.wisc.edu/mental-health/>) providers understand the complexities of student life and offer an open, safe, and confidential environment to help students through issues that may interfere with their development, well-being, and academic productivity.

UHS's no-cost mental health services include individual, couple/partner, group counseling, outreach programming, and stress management. They also offer 24/7 crisis services. Psychiatry services are also available for medication management.

University Health Services/Mental Health Services
333 East Campus Mall
Madison, WI 53715-1384
608-265-5600

REGISTERED STUDENT ORGANIZATIONS

Outside the classroom, there are endless ways to get involved on a big campus like UW-Madison. UW has almost 1000 different student organizations, with about 60 of them being engineering-specific.

Organizations range from major-related groups to identity-based clubs to competition teams. Getting involved in a student organization is a great way to explore different majors and careers, meet other students and find community, serve others, develop your leadership skills, and to learn by doing.

Learn more here: <https://engineering.wisc.edu/student-life/student-organizations/>

BE (BADGER ENGINEERS) ENGAGED

Engaging with the engineering community and with various events and activities throughout the year is the best way to see success as a Badger engineer. The BE Engaged program encourages first-year students to get out of their comfort zone and engage with a variety of things.

Getting involved, connected, and engaged is an important part of student life. Here in the College of Engineering, students have access to a wide variety of groups, opportunities, organizations, and services that help build a foundation for success as a student.

Because there are so many ways to get involved, we know that it can be overwhelming to know where to start. The BE Engaged program guides students through all the opportunities the College of Engineering has to offer, as well as offering activities and events that welcome all first-year

students and introduce ways to start getting connected outside of classes and studying.