The Corn Monument, an annual University of Iowa tradition dating back to 1919, is built by the UI chapter of the American Society of Civil Engineers. Hawkeyes from around the country gather during Homecoming to celebrate their time as students and appreciate the work that current undergraduates put into the monument.
Engineering students at Iowa are encouraged to enhance their education through second degrees, minors, certificates, study abroad, research with professors, athletics, engagement with the arts, volunteering, student organizations, and leadership experiences.
100% of engineering courses are taught by faculty members.

Collaborative, not competitive

Students are admitted directly into the College of Engineering and into the major of their choice. There is no competing for space in any course of study.

Direct admission: Helping students excel

“At Iowa, I’m gaining amazing knowledge from professors who are genuinely rooting for me to succeed, while alongside friends who make each challenge seem easier and each success feel greater. I feel so at home here in this community of engineers.”

— Mikaela Thiel, senior, mechanical engineering
Chanhassen, MN
WELCOMING COMMUNITY

The College of Engineering at Iowa is a small college of distinction where students can collaborate with their classmates on projects, work in faculty labs, and interact with industry leaders.

Hands-on experience

“As an undergraduate, I’ve had many interesting research opportunities. I have also had three engineering internships so far. All of the engineering professors, advisers, and professionals are interested in helping their students.”

— ALEXANDRA HAUGEN, senior, biomedical engineering
Ann Arbor, MI

2,176 UNDERGRADUATE STUDENTS
466 FIRST-YEAR STUDENTS
27% FEMALE STUDENTS
SUPPORTING STUDENT SUCCESS

The College of Engineering offers resources to help students meet their professional and personal goals. Between flexible academic plans, faculty mentorship, opportunities for hands-on experience, and comprehensive career services, Iowa has everything you need to pursue the career you want.

Dedicated student services

- Engineering Living-Learning Communities
- Engineering Student Success Team
- Hanson Center for Technical Communication
- Professional development through internships, co-ops, and employment

Training leaders

“I chose Iowa because the College of Engineering wants students to succeed and provides the tools and support students need to do so.”

— ALEX BALLARD
Systems engineer, Collins Aerospace
BSE in electrical engineering ’18
Biomedical Engineering

Biomedical engineers work to improve human health through the analysis and design of medical devices, processes, and systems, by the discovery of new knowledge. Graduates of the program can pursue a wide range of career opportunities, such as an engineer in industry, as a researcher in a government or academic laboratory, or as a physician or other healthcare professional.

Chemical Engineering

Chemical and biochemical engineers combine engineering principles with knowledge of mathematics and specific sciences—particularly chemistry and the biological sciences—to develop and operate processes that convert raw materials into products that benefit society and energy that fuels the world. Chemical engineering harnesses chemical reactions and physical/chemical processes to sustainably improve quality of life and well-being on our planet.

Civil Engineering

Civil engineers create safe, smart, and sustainable infrastructure while protecting the natural environment. Students gain a broad background in areas of environmental, structural, transportation, and water resources engineering while they work on multifaceted real-world projects.

Computer Science and Engineering

This program combines a computer science degree and a computer engineering degree in a single degree program. The program provides students training and understanding of computer software and hardware along with the engineering analysis, design, and multidisciplinary teamwork skills needed to develop large and complex systems containing both software and hardware components.
Electrical Engineering

The electrical engineering program provides students training and understanding of hardware and software, ranging from device physics to medical imaging, electronics, embedded systems, communication, and control-systems engineering. Students may opt to specialize in one of 24 focus areas.

Environmental Engineering

Environmental engineers design systems that support the well-being of people and the planet. They improve countless lives by providing a clean and safe water supply, treating pollution in air, water, and soil, and developing sustainable solutions for future generations.

Industrial and Systems Engineering

Industrial and systems engineers use advanced mathematics and statistics, psychology, and systems theory to make processes, machines, and organizations operate more efficiently. They are frequently key players in planning and implementing large-scale changes.

Mechanical Engineering

Mechanical engineers are involved in the design, analysis, manufacture, and testing of devices and machines that are essential to modern society. A broad education in mechanical and thermal science and advanced mathematics gives mechanical engineers the expertise to contribute to a wide range of industries and technologies.

For more information on engineering majors and programs, visit ENGINEERING.UIOWA.EDU/COLLEGE/PROGRAMS-STUDY.
BUILD YOUR FUTURE

Hawkeye engineers graduate ready to excel in their careers. The Seamans Center for the Engineering Arts and Sciences represents our sense of community and is a home away from home for students and faculty alike. The building is designed to provide a great learning environment, housing all engineering departments, tech-infused classrooms, workshops, research labs, tutoring space, faculty offices, regular game nights, ice cream socials, and more.

96% JOB/GRAD SCHOOL PLACEMENT WITHIN SIX MONTHS OF GRADUATION

$60,500 MEDIAN FIRST-YEAR SALARY FOR ENGINEERING GRADUATES

Learn more or sign up for an Explore Engineering visit day at ENGINEERING.UIOWA.EDU