



# ENGINEERING BUILDING

## Expanding Engineering Education In Wisconsin

**Background:** The top-ranked UW-Madison College of Engineering is the second largest school/college on campus. Its 6,000 graduate and undergraduate students are the future engineering leaders of Wisconsin, with nearly 1,500 earning degrees last year.

**UW-Madison engineering graduates are vital to the state's workforce and economic development needs, but we need more of them.** Every year, many more students apply to be an engineering major than the College of Engineering has the capacity to accept. Expanding access to an engineering education begins by creating more space. A new, state-of-the-art building will provide the college the space to educate more engineering students and enable it to recruit and retain top-tier faculty members, sustaining our excellence in research and graduate education.

### PROJECT OVERVIEW

**Request:** Build a new engineering building to support increased growth in the College of Engineering.

#### The Project

- Builds a state-of-the-art multidisciplinary educational facility to expand engineering student enrollment.
- Creates flexible multidisciplinary research space that enables us to expand into emerging research areas that could become important economic drivers.
- Increases our ability to recruit and retain top students and faculty.

**PROJECT COST:** \$347.34M (\$197.34M GFSB; \$150M GIFTS)



*This image is for concept, scale and potential placement only*

### PROJECT NEED

**The new building will help meet demands for engineering talent in Wisconsin and keep Wisconsin businesses competitive.**

- Demand to obtain an engineering degree continues, with 1 in 7 UW-Madison students enrolling in engineering at the university.
- The majority of UW engineering students are from Wisconsin. After graduation, more than 70% stay and work in the Midwest.
- Engineering students have access to more than 16,000 job opportunities annually and many receive multiple job offers.
- A larger building will create new space for students, with the plan to increase the undergraduate population to 5,500 undergraduate students, helping to meet the demand from Wisconsin employers for more engineers.
- The median salary for bachelor's-level graduates is \$69,000.

**Creating a modern teaching and research facility is key to attracting top students, faculty and researchers.**

- Engineering faculty, staff and students are at the forefront of research and innovation. They disclose approximately 140 inventions each year, generate approximately \$100 million in research expenditures and collaborate with hundreds of business partners across the state.
- Upgraded instructional and research facilities help attract and retain high-caliber faculty, staff, and students. This is key to generating research funding, educating tomorrow's engineering leaders, and enhancing the college's national reputation.

**By supporting a new College of Engineering building, you'll help build the state's science, technology and engineering workforce, keeping Wisconsin companies competitive.**



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