The Penn State College of Engineering has grown over its 125-plus-year history into the largest college at the University and one of the largest engineering colleges in the nation, ranking among the best for undergraduate and graduate education and research impact.

Undergraduates at Penn State University Park choose from more than a dozen engineering majors and engage in unique offerings like our Multicultural Engineering Program and Women in Engineering Program, leverage opportunities to participate in engineering research and study abroad, work in career-building engineering internships and co-ops, and network and gain leadership experiences via dozens of engineering-related student organizations. [bit.ly/coe-undergrad]

Graduate students choose from more than 40 programs that span 20-plus engineering disciplines, with multiple program types and delivery formats. Our master of science and doctoral offerings prepare students for research-focused roles in academia, industry, government, and other sectors. Residential master of engineering (M.Eng) and online M.Eng. and doctor of engineering programs—along with graduate minor and certificate offerings—help students gain technical and professional skills to enhance marketability to employers and accelerate career growth. [bit.ly/coe-grad]
Research Impact
As the Penn State college with the most in research expenditures, engineering once again helped power the University past the $1 billion milestone in 2022-23. Over the past five years, externally funded research expenditures in the college have increased by more than 40 percent, with substantial growth from the National Science Foundation, the Department of Defense, and the Department of Energy. Engineering faculty secure grants and pursue research across a vast spectrum of topics, from power generation and storage, smart building systems, and robotics to sensors and biodevices, network and systems design, new materials, and countless other areas.
[ bit.ly/eng-impact ]

Research by the Numbers
[ 2022-23 Fiscal Year ]

$218M
Total Research Expenditures
+42% Year-Over-Year

$144M
Award Amount
+22% Year-Over-Year

Building Toward the Future
With the construction of two new teaching and research buildings on West Campus, a new hub of engineering activity is taking shape at the University Park campus—one where students, faculty, alumni, staff, and members of industry can converge and collaborate.
[ bit.ly/coe-future ]

Engineering Design and Innovation (EDI) Building

105K Gross Square Feet
2 Active Learning, General-Purpose Classrooms
8,200 Square Feet in Support of Research

Engineering Collaborative Research and Education (ECoRE) Building [ Fall 2024 ]

290K Gross Square Feet
9 Active Learning, General-Purpose Classrooms
51,000 Square Feet in Support of Research

PennState College of Engineering