

# ENGINEERED FOR IMPACT

A bold vision for BU Engineering.



**The great engineering challenges of today and tomorrow will not be solved by expertise from any single discipline.**

They will require converging the knowledge and viewpoints of diverse people from multiple disciplines. The Boston University College of Engineering has created a strategy that seeks to capitalize on, and accelerate, this transformative approach to engineering innovation and education.

## **BECAUSE GREAT MINDS DO NOT THINK ALIKE**

Drawing on the power of convergence—the synthesis of knowledge and approaches from many disciplines to create new ways of thinking and

breakthrough solutions—the strategy represents a transformation in how an engineering school operates. In traditional engineering schools, faculty and students are effectively siloed in their disciplines and view research and education through their respective lenses. In contrast, the BU College of Engineering believes that great minds do not think alike.

We are leveraging our long-standing culture of working across disciplinary lines to create a structure that capitalizes on convergence and allows us to be more nimble in new research directions and curricular advances that have significant societal impact. In short, we are Engineered for Impact.

Our strategic plan has three pillars. First, BU Engineering is **creating the societal engineer**, who uses convergent approaches to improve people's lives. Second, our **convergent research** breaks new ground and creates new fields through interdisciplinary inquiry. Finally, we seek **industry partnerships** that catalyze technology transfer, research, and workforce development.

The strategy has five goals:

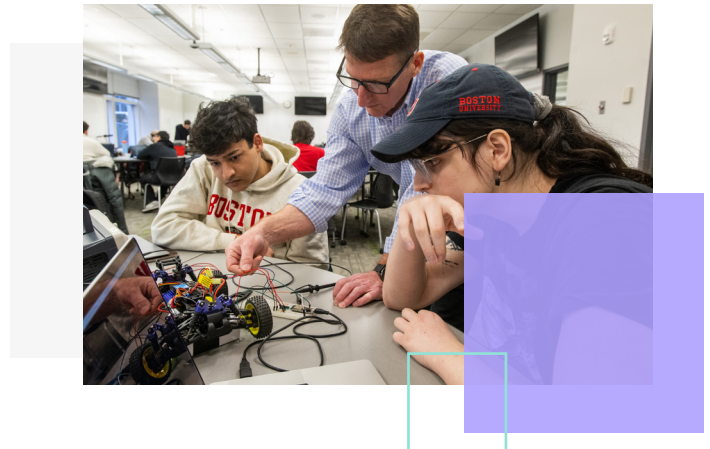
- **Leverage** the power of convergence at scale across all aspects of the college's mission.
- **Educate** holistic societal engineers who are empowered with extraordinary problem-solving skills and appetite for life-long learning.
- **Pursue** societally-important convergent research themes related to strengths throughout the college and Boston University.
- **Build** partnerships that stimulate corporate research collaborations and prepare our graduates for today's workforce.
- **Create** a community and educational experience that reinforces the extraordinary power of diversity and inclusion.

## A NEW KIND OF ENGINEER

The creation of this bold strategy was itself convergent, synthesizing the vision of stakeholders throughout the college and beyond. It blazes a new path for engineering education and research that will make the Boston University College of Engineering the destination of choice for current and future leaders in engineering.



Boston University College of Engineering



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