



Penn State chemical engineers do more than show up for class. **They change the world.**

Our research at Penn State is positioned to tackle today's most pressing societal challenges and shape the future. Penn State chemical engineers make an impact by working to:

- Expand the supply of food, energy, and clean water to meet the needs of a growing and developing global population
- Advance health care by establishing new and better medical treatments
- Develop new materials and pathways to chemical products that are more affordable, sustainable, and environmentally beneficial
- Enable the use of renewable, sustainable energy for transportation
- Protect and improve the environment for generations to come

Penn State chemical engineers work creatively and in collaboration with other experts across the University and around the world, use laboratory experiments and theory, and develop computer models to make advances that improve lives.

Join us and launch your career at Penn State.

RESEARCH CLUSTERS



Sustainability
Energy & Environment



Biotechnology



**Materials
Engineering**



Catalysis



**Computational
& Data Science**



How to Apply:
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ChEGradOffice@psu.edu

World-class research facilities & collaborative institutes, including supercomputing resources.

Ranked #7 in the U.S. for chemical engineering research based on the quality and quantity of scientific research articles (2021 NTU rankings).

State College, PA, is consistently rated as a top college town for residents to live, work, and study.

700,000+ alumni network provides diverse professional opportunities.

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“There has never been a more exciting time to pursue a career in the chemical industry. Our graduates are trained to be independent and accomplished researchers with the capacity to tackle some of today’s most pressing societal challenges in health and medicine, environmental conservation, energy, and sustainability.”

— Phillip E. Savage, Department Head and
Walter L. Robb Family Endowed Chair



PennState
College of Engineering

**CHEMICAL
ENGINEERING**

