

# ENGINEERING INNOVATION

The Future is Yours



**Johns Hopkins Engineering Innovation Pre-College Programs give you the power to create your future as an engineer and earn college credit from our top-tier research university as a high school student.**

Tackle challenging and exciting college-level courses with hands-on technical projects, while learning to think like an engineer and solve real-world problems using science, math, and technology. Choose from three distinct programs and decide whether you'd like to learn as a residential, commuter, or online student. **No matter which program you choose, it's the perfect start to engineering your future!**

## Explore Engineering Innovation

Attend college-level lectures, solve problems, test theories, and ultimately ignite what excites you about engineering. Explore multiple engineering fields, including civil, chemical, mechanical, electrical, computer, and materials science. Discover career pathways related to engineering and network with engineering professionals. Available as an [in-person residential or commuter](#) and [online](#) summer program.

## Biomedical Engineering Innovation

Created by the faculty of our #1 nationally ranked biomedical engineering program, challenge yourself to build the foundation you need to save lives and create a healthier society. In this asynchronous course, you will model biological systems, design experiments, and test them by applying engineering principles grounded in healthcare. Available as an [online](#) summer or fall program.

## Sustainable Energy Engineering

Build an understanding of energy sources, storage, and transfer and understand the impact of social and political factors on sustainable energy today and beyond. Available as an [in-person residential or commuter](#) summer program.

## In-Person Residential and Commuter Programs

July 1-26, 2024

## Online Programs

### Explore Engineering Innovation

June 24-July 26, 2024

### Biomedical Engineering Innovation

June 24-August 2, 2024

"I love the people who came to this program. They're super smart, super focused, I love that everyone came here to learn. It's a great environment to be in, with a bunch of students who have big ideas and come from different backgrounds."

Navarre

Explore Engineering Innovation '23

## Learn More!



### Contact Us

[ei@jhu.edu](mailto:ei@jhu.edu)

[ei.jhu.edu](http://ei.jhu.edu)

443-927-1986



JOHNS HOPKINS

WHITING SCHOOL  
of ENGINEERING