

## Message From the Director

Today, it is not unusual to find employers citing their inability to fill entry-level engineering positions with students who are entering the work force with "real world" experience. The DeMatteis School of Engineering and Applied Science Co-op Program at Hofstra University has initiated a long-term commitment to partner with the corporate community to address this growing need.



The DeMatteis School of Engineering and Applied Science Co-op Program provides integrated educational and professional work experience for our undergraduates. Participation offers students the opportunity to secure a paid position with a company in a field related to their degree program. It also helps business leaders tap into the base of experienced young engineering and technology talent here on Long Island.

We are currently working with approximately 140 engineering and technology firms and have successfully placed more than 50 students since we launched the Co-op Program three years ago. We continue to work hard to build and improve our program, which is attracting top-ranked students and top-tier corporations looking to recruit DeMatteis graduates.

In the years ahead, we plan to expand our corporate partner list geographically so that we can offer students co-op positions not only locally, but nationwide. Our long-term goal is to transform the DeMatteis School of Engineering and Applied Science Co-op into a nationally recognized program that contributes to Hofstra's educational value proposition while meeting the needs of our corporate partners.

Founding Director  
DeMatteis School Co-op Program

## DeMatteis School Degree Programs

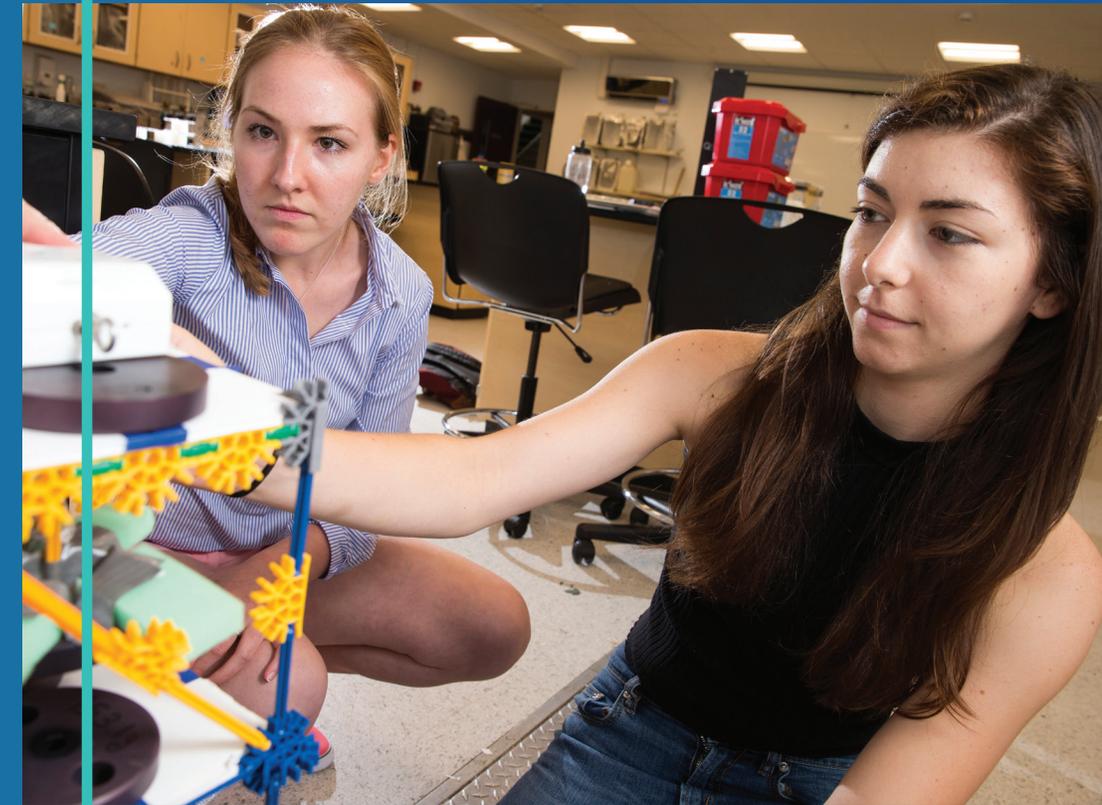
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- BS, Biomedical Engineering
- BS, Civil Engineering
- BS, Computer Engineering
- BS, Computer Science
- BS, Computer Science and Cybersecurity
- BS, Computer Science and Mathematics
- BS, Electrical Engineering
- BS, Electrical Engineering, Computer Option
- BS, Industrial Engineering
- BS, Mechanical Engineering
- BA/MS, Computer Science
- BS/MS, Computer Science
- MS, Computer Science

For additional information about the DeMatteis Co-op Program, contact:

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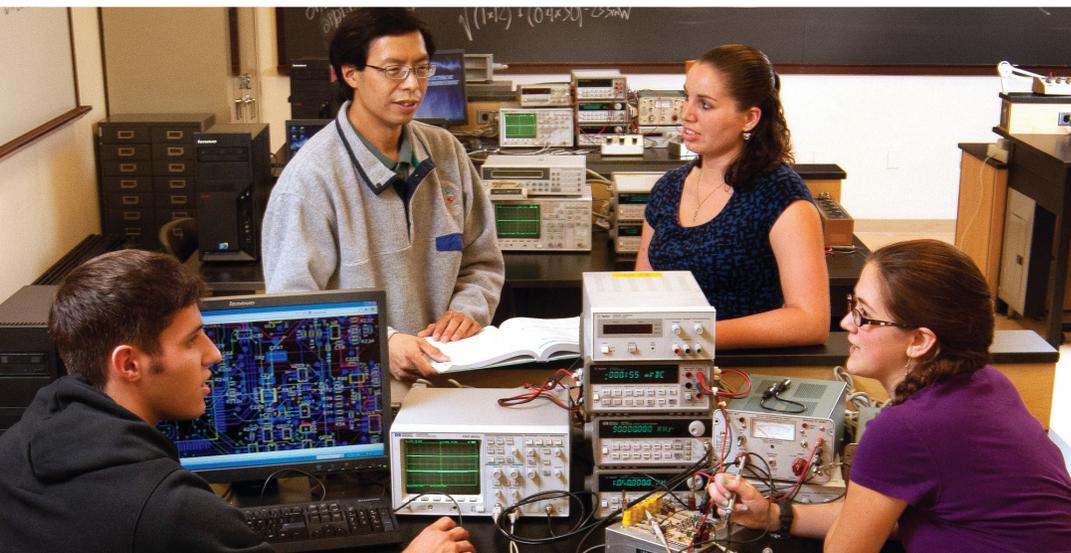
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## The Fred DeMatteis School of Engineering and Applied Science



## Co-op Program

Opportunity Through Experience  
[hofstra.edu/dematteiscoop](http://hofstra.edu/dematteiscoop)



CO-OP PROGRAM  
FRED DEMATTEIS  
SCHOOL OF ENGINEERING  
AND APPLIED SCIENCE

## Goal of the Co-op Program

*To provide DeMatteis students with an integrated educational and professional work experience in their field of study, allowing them to expand their technical involvement and responsibility commensurate with their abilities as they progress through the program.*



## Corporate participation in the Co-op Program provides:

- ▶ A resource of energetic and talented students to supplement full-time staff
- ▶ A process to evaluate and mentor future permanent employees
- ▶ A network of new, ambitious talent

## About the DeMatteis School

- Ranked 38th in the nation for engineering programs that do not offer a doctoral degree, according to the 2017 *U.S. News & World Report* Best Colleges rankings
- Established in 2012, comprising existing Departments of Engineering and Computer Science
- In early 2016, a \$25 million New York state grant was announced that will help fund a new 65,000-square-foot building for the DeMatteis School as part of its goal to create a research corridor on Long Island. This new facility will help address the demand for highly skilled engineering and computer science professionals by providing students with access to state-of-the-art laboratories and other spaces.
- Since its establishment in 2012, the DeMatteis School has seen its growth in undergraduate enrollment more than double to its current number of about 800 full-time students.
- Additional BS degree programs in Computer Engineering, Computer Science and Cybersecurity, and Industrial Engineering
- More than 2,000 alumni in industry, government, and academia
- \$12 million invested in new and upgraded laboratories and teaching facilities
- Research facilities in mechatronics, cell and tissue engineering, ultrasound in medicine, aerodynamics, construction materials, materials testing, and big data
- Curricular emphasis on theory, hands-on labs, and team design, with key components completed prior to co-op experience
- Small class size and strong interaction with full-time faculty, who teach 80 percent of all classes
- Highly motivated adjunct faculty from diverse Long Island technical firms
- Active student branches of professional societies, as well as Theta Tau engineering fraternity chapter



## Requirements:

### Undergraduate Student Qualifications:

- 3.0 GPA or higher
- Must have completed first semester junior-level course work
- International and graduate students may apply

### Length of Employment:

- Minimum six months to a maximum of eight months
- Start dates – January and June

### Wages, Work Hours and Employee Benefits:

- Recommended wage is \$20/hour (minimum is \$16/hour)
- Full-time employment during co-op term
- Companies must comply with all local and state labor laws