

# WOMEN @ TANDON



Diversity is an important part of the NYU Tandon School of Engineering and we have a myriad of programs, mentorship opportunities, and clubs to support young women as they embark on their Science, Technology, Engineering and Math (STEM) careers.

Women make up  
**43%**  
of the Class of 2022



Women make up  
**40%**  
of the Class of 2021



**59%** of the K-12 students in 2017 were females

From K-12 STEM programs to summer research opportunities, Tandon is ensuring that the next generation of engineers is the strongest it can be by supporting young women, providing them with the tools for success, and preparing them to take the mantle of leadership.



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## **Computer Science for Cyber Security (CS4CS)**

CS4CS is a three-week, full-day summer program providing an introduction for high school students on the fundamentals of cyber security and computer science. The 2018 CS4CS Program is generously supported by The Depository Trust & Clearing Corporation and is free for selected participants.

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## **Center for K-12 STEM Education**

Our outreach starts at the earliest opportunity. The Center engages K-12 students in hands-on learning in STEM, and last year alone, our programming served 700 girls from across the city.

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## **Women's Summit**

This annual week-long program empowers women students by helping them build connections to women faculty and alumnae and learn about topics relevant to women in STEM through panel discussions and break-out sessions.

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## **Tandon - WEST**

Held twice a year for admitted women students, Tandon-WEST provides potential Tandon students with the opportunity to learn about the accomplishments of NYU women faculty and students.

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## **Girls Talk Tech**

"Girls Talk Tech" gives students an opportunity to speak with other students, faculty, and professionals while learning about what it's really like to pursue a career in a tech field. The program was established by Google and Anita Borg, a pioneering female computer scientist who advocated for increasing women's participation in the Tech Community.

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## **Women at Tandon Explorations Community**

The Women at Tandon Explorations Community at NYU is a women-themed floor in the Othmer Residence Hall created to offer women students a strong support system to reinforce their positive experience as science, technology, engineering and math students. The community will offer opportunities to network with successful alumnae and women students, participate in social functions, get involved in community service, and organize and attend events and activities relevant to women students at Tandon.

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## **The Urban Assembly Institute (UAI) of Math and Science for Young Women**

Partnering with UAI, Tandon mentors young women in grades 6-12, with select 11th graders taking a structured, custom-designed, college-level class in engineering.

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## **WEST FEST**

A summer event for accepted women students that provides them with the opportunity to meet fellow prospective students and connect with campus resources.

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## **Student Clubs**

Groups like Society of Women Engineers (SWE), Women in Search of Excellence (WISE), Alpha Omega Epsilon, the Association of Commuting Machinery - Women (ACM-W) and STEMInist help empower women on campus, in their careers and in the engineering world at large.

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## **Diversity-Focused Curriculum**

Several classes explore the relationship between diversity and science and technology, including "Science and Feminism" and "Science and Difference," which introduce students to feminist perspectives in STEM and how science operates to construct differences in society.

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## **Women Empower Hours**

Undergraduate and graduate women gather over lunch once a month to discuss topics specific to women in STEM, including leadership development, job exploration, seeking scholarship support, and women's issue awareness.

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## **Facebook Live Events**

The Office of Enrollment Management hosts a series of Facebook Live events to address questions from prospective women students about their opportunities here at Tandon.

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## **Thompson-Bartlett Fellows**

Through a generous gift from Ms. Dede Thompson Bartlett, whose father was a graduate of the Polytechnic Institute of Brooklyn in 1930, women students are selected to participate in the Undergraduate Summer Research Program.

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## **Research in Service to Women**

Various research projects are taking place at Tandon in service to women. For example, the Gender and Urban Mobility Project via the GovLab is using data collaboratives to explore whether gender plays a role in mobility in megacities like Santiago, Chile. The project, funded by Data2x, an arm of the United Nations, is focused on using gender data to improve the lives of women and girls across the globe.

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## **Career Discovery in Cyber Security**

Our annual conference brings together some of the best minds in the industry, with the goal of guiding women with a talent and interest in cyber security into top-flight careers.

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## **Male Allies**

Male ally events, which include panels and roundtable discussions, are scheduled to highlight the importance of gender diversity and inclusion and encourage men at Tandon to engage in concrete behaviors to become more meaningful allies to women.

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## **Woman 2 Woman Newsletter**

This newsletter informs the community of women's events and programs on campus and highlights past events. To include men in diversity initiatives, male students, faculty and administrators are also included in the distribution list.

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## **Tandon Student Chat and Chew**

An event that provides women and men students the opportunity to engage and interact outside of the classroom regarding various topics relevant to their everyday lives. These casual conversations, "Chat and Chew," are held during lunchtime on a monthly basis.

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## **WoMentorship Program**

A women's peer mentoring program that matches sophomores and juniors with seniors and graduate students to foster better understanding and help develop a strong women's community at Tandon.

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## **Women in Technology Fellowships**

With support from alumnae, these fellowships have been established to support undergraduate women engineering students.

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