



MATHEMATICS ACADEMY

The University of Washington's Mathematics (Math) Academy is a four-week program for incoming high school seniors from underserved communities that improves students' math skills and prepares them for college-level engineering study.

Students who participate in Math Academy are more likely to pursue a degree in engineering and are better prepared to successfully graduate with their degree.

BENEFITS OF MATH ACADEMY FOR STUDENTS:

- Improves math skills, abilities and confidence
- Provides information about different engineering disciplines
- Provides hands-on, college-level research experience in university labs
- Offers guidance through the college admissions process
- Connects students with mentors in industry
- Creates a community of peers with similar goals and interests

"Math Academy provided me with an approach to mathematics that I still apply to my electrical engineering degree, over four years later."

-Nick Villanueva, Math Academy Alumnus, BS EE '14

178 STUDENTS HAVE PARTICIPATED IN MATH ACADEMY TO DATE, WITH:

- Approx. 50% from underrepresented minority backgrounds
- Approx. 50% from low-income backgrounds
- 75% receiving admission into the UW and 40% currently enrolled
- Women comprising 50% of total participants during the last 3 years
- The initial class of Math Academy students graduated in 2014.



PARTNERSHIPS with INDUSTRY

The UW College of Engineering partners with more than 100 companies and businesses that support higher education through gifts and sponsorships. In addition to standard donor benefits, corporate supporters of Math Academy enjoy strategic recognition opportunities that provide:

- Exposure to high-achieving, diverse students interested in engineering and computer science careers through industrial site tours and/or engineering exploration sessions.
- Public recognition of program support.
- Targeted opportunities to help shape student preparation for future careers in engineering.

“A diverse workforce is a key to success. We support Math Academy to engage with the next generation of engineers who will help us innovate and be more competitive, ultimately impacting the bottom line.”

- Patrick Jenny, Senior Vice President, Product Development
F5 Networks



ENGINEERING A BRIGHTER FUTURE

Math Academy successfully prepares students for rigorous college coursework and inspires them to pursue a degree in STEM and engineering careers. It provides students a supportive environment to hone math skills, explore engineering, and sample life as a college student.

“My thought process about math has changed. I definitely feel like I can apply concepts in math to different situations much more easily.”

-2015 Math Academy Participant

To learn more about this program, visit: uwmathacademy.org

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