

For a description of the Mathematics Program please see link below:

[http://www.hostos.cuny.edu/Hostos/media/Office-of-Academic-Affairs/Academic-Advisement/mathematics_AS-\(003\)-Final_2.pdf](http://www.hostos.cuny.edu/Hostos/media/Office-of-Academic-Affairs/Academic-Advisement/mathematics_AS-(003)-Final_2.pdf)

For more information, see link below:

<http://www.hostos.cuny.edu/Hostos/media/Office-of-Academic-Affairs/Academic-Advisement/Mathematics-AS-10-01-2019.pdf>

SKILLS

Analytical skills. Mathematicians use mathematical techniques and models to analyze large amounts of data. They must be precise and accurate in their analysis.

Communication skills. Mathematicians must interact with and propose solutions to people who may not have extensive knowledge of mathematics.

Math skills. Mathematicians use statistics, calculus, and linear algebra to develop their models and analyses.

Problem-solving skills. Mathematicians must devise new solutions to problems encountered by scientists or engineers.

PAY

\$105,030 in May 2019

The median annual wage for mathematicians was \$105,030 in May 2019.

**SAMPLE JOB
TITLES**

Bachelor's Degree: Actuaries, Financial Analysts, Market Research Analysts and Statisticians.

Job Outlook

30% Growth

Overall employment of mathematicians and statisticians is projected to grow 30 percent from 2018 to 2028, much faster than the average for all occupations.

Bureau of Labor Statistics, U.S. Department of Labor, *Occupational Outlook Handbook*, Mathematicians and Statisticians, on the Internet at <https://www.bls.gov/ooh/math/mathematicians-and-statisticians.htm> (visited July 27, 2020).

RESOURCES

<https://www.bls.gov/ooh/>

<http://hostos.cuny.edu/Administrative-Offices/Career-Services-Office>

<https://access.vault.com/career-insider-login.aspx?aid=148711>

<https://hostos-csm.symplicity.com/>