



Mathematics A.S.



The Mathematics Department offers an Associate in Science (A.S.) degree in Mathematics. The program is designed to provide students with the first two years of study required to major in mathematics at the senior college level and is also suitable for students who wish to minor in mathematics at the senior college level. In addition, the program provides the foundation for specialization along any of the following career paths: graduate studies in mathematics leading to the masters or doctoral degrees; professions in the field of mathematics education; professions requiring substantial mathematics preparation (e.g., statistician, actuary, engineering, medical or physical sciences, economics, etc.).

Specialized Skills

Problem Solving
Critical Thinking
Computer Literacy

Specialized Skills may be obtained or enhanced during the course of the student's learning experience. Specialized Skills are defined and provided by NACADA: The Global Community for Academic Advising www.nacada.ksu.edu

Certifications and Professional Development

Maplesoft
Excel
MatLab
Geogebra

Professional Organizations

Mathematical Association of America
American Mathematical Society
Society of Actuaries
American Mathematical Association
of Two-Year Colleges

Helpful Career Links

BMCC Career Center
www.bmcc.cuny.edu/career

Internships and Experiential Learning
www.bmcc.cuny.edu/experiential

Mathematics
www.bmcc.cuny.edu/academics/departments/math/mathematics-program

Articulation Agreements

New York City College of Technology / CUNY
B.S. in Applied Mathematics

Mercy College
B.S. in Mathematics

St. Francis College
B.S. in Mathematics

SUNY Binghamton University
B.A. in Mathematics

Universidad del Sagrado Corazon
B.S. in Mathematics

Other Transfer Options

Baruch College / CUNY

Alfred University

Clarkson University

Lehman College / CUNY

Brooklyn College / CUNY

City College / CUNY

Hunter College / CUNY

College of Staten Island / CUNY

Career and Salary Possibilities*

Aerospace Engineer
(\$80,900–\$124,000)

Astronomer
(\$43,000–\$145,000)

Biostatistician
(\$55,000–\$126,000)

Computer Engineer
(\$70,800–\$128,000)

Mathematical Technician
(\$80,964)

Statistical Assistant
(\$54,606)

Software Engineer
(\$60,500–\$112,000)

Physicist
(\$50,000–\$154,000)

Statistician
(\$49,000–\$114,000)

Actuary
(\$51,000–\$165,000)

Mathematician
\$99,181

Professor
(\$83,181)

** Career and Salary Possibilities are not guaranteed. Additional education, training or experience may be required and salary ranges may vary depending on location, industry and education level. Career and salary data provided by Career Coach.*