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.).

**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

**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

**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.