The Associate of Science (A.S.) degree in Geographic Information Science (GIS) program teaches students the theory and applications of Geographic Information Systems (GIS). GIS is used to capture, manage, analyze, and display spatial information. For example, GIS is used to find the direction and location for traveling, such as Google Map, Google Earth, and global positioning system (GPS).

Specialized Skills
Digital Technology
Problem Solving
Professionalism/Work Ethic
Oral/Written Communication

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
Intro to C++
Intro to JAVA
Intro to Python
Microsoft Office Professional
Social Media for Business
Professional Writing

These and other Certifications and Professional Development options offered by the Center for Continuing Education and Workforce Development.
www.bmcc.cuny.edu/ce

Professional Organizations
American Association of Geographers
Society for Conservation GIS
National Council for Geographic Education

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

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

Geographic Information Science
www.bmcc.cuny.edu/academics/programs/geographic-information-science-gis

Career and Salary Possibilities*
Land Survey Technician
($29,105–$53,348)
Remote Sensing Analyst
($40,000–$72,000)
GIS Specialist
($39,000–$72,000)
Geodesist
($32,717–$138,572)
Senior CAD Designer
($45,893–$90,230)
GIS Programmer
($43,000–$100,000)

GIS Systems Engineer
($36,000–$65,000)
GIS Technician
($31,455–$55,650)
GIS Database Administrator
($48,000–$133,500)
GIS Analyst
($39,000–$75,000)
Geospatial Analyst
($38,000–$89,000)
Cartographer
($34,000–$87,000)

Articulation Agreements
Hunter College / CUNY
B.A. in Geography

Other Transfer Options
Colgate University
SUNY Geneseo
SUNY University at Albany
SUNY Oneonta
SUNY University at Buffalo
Hunter College / CUNY
Lehman College / CUNY

* 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.