



Geographic Information Science A.S.



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 out 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

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*

Land Survey Technician (\$29,105–\$53,348)	GIS Systems Engineer (\$36,000–\$65,000)
Remote Sensing Analyst (\$40,000–\$72,000)	GIS Technician (\$31,455–\$55,650)
GIS Specialist (\$39,000–\$72,000)	GIS Database Administrator (\$48,000–\$133,500)
Geodesist (\$32,717–\$138,572)	GIS Analyst (\$39,000–\$75,000)
Senior CAD Designer (\$45,893–\$90,230)	Geospatial Analyst (\$38,000–\$89,000)
GIS Programmer (\$43,000–\$100,000)	Cartographer (\$34,000–\$87,000)

* **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.