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

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)

*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.

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

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