

GEOGRAPHIC INFORMATION SYSTEMS, CERTIFICATE

Certificate in Geographic Information Systems (<https://advanced.jhu.edu/academics/certificates/geographic-information-systems/>)

The Certificate in Geographic Information Systems program equips students with the knowledge they need to pursue new opportunities created by the expanding demand for geospatial professionals and data analytics experts. The five-course certificate program explores the principles and real-world applications of geospatial technology and data science in a convenient, fully online course format.

The Certificate in GIS program offers you a foundation in the fascinating fields of Web GIS, geospatial data science, spatial and predictive analytics, programming, and application development. You will gain invaluable experience in geospatial technology, utilizing web-based platforms and cloud computing environments, to further your understanding of the digital transformation that is revolutionizing business, government, industries, and social organizations.

Admissions Criteria for all Advanced Academic Programs (<https://e-catalogue.jhu.edu/arts-sciences/advanced-academic-programs/enrollment-services/admission/>)

PROGRAM-SPECIFIC REQUIREMENTS

In addition to the materials and credentials required for all programs, the Certificate in Geographic Information Systems program requires:

- One semester of statistics or quantitative methods

PROGRAM REQUIREMENTS

Five courses required

Code	Title	Credits
Core Course - Required:		
AS.430.600	Web GIS	4
AS.430.601	Geographic Information Systems (GIS)	4
AS.430.604	Spatial Analytics	4
AS.430.606	Programming in GIS	4
Total Credits		16