

CERTIFICATE IN GEOGRAPHIC INFORMATION SCIENCE (GISc)

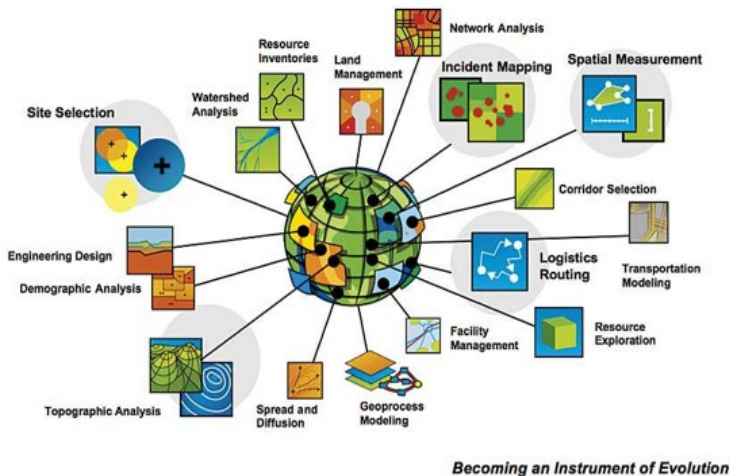


Department of Earth, Environmental, and Geospatial Sciences (EEGS)

Geographic Information Science (GISc) is a fast growing computer technology and data field that is revolutionizing private and public sectors of the economy through powerful visualizations, dashboards, mapping, and analysis of spatial data. Geographic Information Systems (GIS) enable us to address and research critical issues with a spatial dimension such as climate change, disease occurrences, crime patterns, housing, transportation, and hazards and disasters. The GISc Certificate courses may be completed while pursuing a Bachelor's degree in any field.

GIS Is Being Applied Around the World

Across Many Disciplines, Professions, and Organizations



Becoming an Instrument of Evolution

- A degree in GISc increases job market competitiveness.
- Complete a GISc certificate while pursuing your Bachelor's degree and save tuition costs.
- Join other students in our GISc programs & benefit from internship opportunities.

CERTIFICATE IN GISc (17 Credits)

14 Credits in Required Courses

- GEP 204 Basic Mapping Science (3)
- GEP 205 Principles of GISc (3)
- GEP 350 Special Projects in GISc (4)
- GEH 490 Honors in Geography (4)

3-4 Credits from the following:

- GEH 232 Medical Geography (3)
- GEH 240 Urban Geography (3)
- GEP 306 Raster Applications (3)
- GEP 310 Geography of Urban Health (3)
- GEP 320 Population Geography (3)
- GEP 321 Introduction to Remote Sensing (4)
- GEO 340 Natural Hazards & Risk Assessment GISc (4)
- GEO 345 Water Resources & GISc (4)
- GEP 360 Geovisualization & Analytical Cartography (4)
- GEP 375 Data Acquisition & Integration Methods (4)
- GEP 470 Internship in Geography (4 credits)

Other courses may be substituted with department permission.

For more information please contact:

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