

Geospatial Analysis Major
effective Fall 2022

Core Requirements (15 credits):

- GEOG 102 Introduction to Human Geography (3)
- GEOG 111 Landform Processes (4)
- GEOG 250 or GISC 200 Introduction to GIS (4)
- GISC 351 Spatial Analysis (4)

Foundation (3 credits) choose one:

- DATA 101 Introduction to Data Science
- CPSC 110 Introduction to Computer Science
- GEOG 325 Quantitative Methods in Geography

Breadth Requirements (9-10 credits): Take one course from each of the 3 areas of specialization, at least one being at 300-level level. Courses with asterisks count in two areas but can be used in only one.

Society & Politics	Culture	Environment
231: Introduction to Planning	101: World Regional Geography	110: Weather & Climate w/lab
236: Globalization & Local Development	221: Geography of Eastern North America	240: Hazards & Resilience
237: Cities	222: Geography of Western North America	241: Biogeography
331: Race & Place in America	301: Geography of Latin America & Caribbean	245: Environment & Society
332: Migration Politics	304: Geography of Middle East	325: Dynamic Climatology
333: Planning Seminar	335: Sacred Spaces	326: Glacial Geomorphology
337: Nature of Cities*	339: Development Studies	327: Climate Change
338: Geopolitics	361: Grassroots Development in Guatemala	337: Nature of Cities*

Upper Level Geography Requirement (3 credits):

- One upper-level thematic geography course (GEOG 301-339)

Upper Level GIS Requirements (8 credits):

- GISC 340 Remote Sensing & Air Photo Interpretation
- GISC 355 Mobile GIS & GPS
- GISC 450 GIS Programming
- GISC 471 Special Topics
- GISC 482 Web GIS: Concepts and Applications

Capstone (3 credits): GEOG 490 Senior Seminar in Geography