

# CARTOGRAPHY AND GEOGRAPHIC INFORMATION SYSTEMS: THESIS, MS

This is a named option within the Cartographic and Geographic Information Systems MS (<https://guide.wisc.edu/graduate/geography/cartography-geographic-information-systems-ms/>).

The Department of Geography offers a thesis-based master of science in Cartography and Geographic Information Systems, titled Thesis (p. 1). In addition, it offers two professional non-thesis options in the Cartography and Geographic Information Systems MS titled: GIS Development (<https://guide.wisc.edu/graduate/geography/cartography-geographic-information-systems-ms/cartography-geographic-information-systems-gis-development-ms/#text>) (online program) and Accelerated/ Non-Thesis (<https://guide.wisc.edu/graduate/geography/cartography-geographic-information-systems-ms/cartography-geographic-information-systems-accelerated-non-thesis-ms/#text>) (in-residence program).

Information about facilities, supporting faculty and staff, and program requirements for all graduate programs in the department can be found in the Geography (<https://guide.wisc.edu/graduate/geography/>) listing in this catalog.

The MS (Thesis) in Cartography and Geographic Information Systems provides a broad foundation in the theory and application of mapping and geographic information sciences. Students who earn the MS (Thesis) degree are prepared to continue on for the PhD in geography or for positions in government agencies, planning organizations, environmental agencies, nongovernmental organizations, and private industry.