GEOG:4580
INTRO TO GEOGRAPHIC DATABASES

Understand the essential skills of geographic databases support storing, manipulating and querying spatial data.

Develop GIS skills
Students will collect, store, manipulate and query a variety of geographic datasets such as geotagged Tweets, census units and boundaries.

Create geodatabases
Create and manage geodatabases, writing structured query language (SQL) statements for querying non-spatial and spatial data.

Explore GIScience topics
Discuss advanced topics and future directions of GIScience and understand concepts of Big Data, NoSQL, MongoDB, and Hadoop

MW | 1:00-2:15 | 243 JH

Prerequisite: GEOG:1050 Foundations of GIS

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