

# GEOG 266 : ARCGIS

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## Transcript title

ArcGIS

## Credits

4

## Grading mode

Standard letter grades

## Total contact hours

60

## Lecture hours

30

## Lab hours

30

## Recommended preparation

or to be taken with GEOG 265.

## Course Description

Provides working knowledge of ArcGIS software. Covers designing and developing a geographic information system database, performing spatial analysis, creating maps, and generating a report with software.

## Course learning outcomes

1. Build custom map layouts in ArcGIS.
2. Use ArcGIS to manage raster and vector data.
3. Use ArcGIS to edit attribute data.

## Content outline

• What is ArcGIS? • Mapping geographic information systems (GIS) data  
• Presenting GIS data • Coordinate systems • Managing vector data •  
Managing raster data • Attribute data • Editing • Queries • Joins and  
overlays

## Required materials

This course will require a textbook.