



# **GEOGRAPHY & GEOSPATIAL SCIENCES UNDERGRADUATE ADVISING TRACK IN GISCIENCE**

## **About GIScience – Geographic Information Science**

Geographic Information Science underpins the wise use of geospatial technologies and methods, including geographic information systems (GIS), acquisition and analysis of remotely-sensed imagery, cartography and visualization, and spatial analysis and modeling. Developing technical competencies in quantitative analyses, programming, and mapping – then combining these skills with critical thinking and creativity – positions students very well for careers that address today’s most pressing social and environmental issues.

**KANSAS STATE**  
**UNIVERSITY**

Department of Geography  
and Geospatial Sciences

**GEOG 302 Cartography  
& Thematic Mapping**

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**GEOG 508 Geographic  
Information Systems I**

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**GEOG 602 Computer  
Mapping and Geographic  
Visualization**

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**GEOG 605 Remote  
Sensing of the  
Environment**

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**GEOG 608 Geographic  
Information Systems II**

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**GEOG 705 Thematic  
Remote Sensing**

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**GEOG 706 Biophysical  
Remote Sensing**

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**GEOG 707 Remote  
Sensing of Water**

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**GEOG 712 Internet GIS  
and Distributed GIS**

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**GEOG 728 Programming  
for Geographic Analysis  
(Python and R)**

## **FOR MORE INFORMATION**

Contact your department of  
Geography and Geospatial  
Sciences advisor or Dr.  
Shawn Hutchinson at  
shutch@ksu.edu.