

# MINOR IN GEOSPATIAL INFORMATION SCIENCE



Dive into geospatial data from a technical perspective.

## Technical Core Courses (6 cr.)

- GEOG272 Introduction to Earth Observation Science (3 cr.)
- GEOG373 Geographic Information Systems (3 cr.)

Term	Grade	Notes

## Quantitative Course (3 cr.)

- GEOG306 Quantitative Methods for Geographic and Environmental Sciences

		FSAR Gen-Ed
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## Advanced Technical Courses (6 cr.)

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### Choose two of the following:

\*Consult with an advisor for the most up-to-date course offerings

- GEOG416 Conceptualizing and Modeling Human-Environmental Interactions (3 cr.)
- GEOG473 Geographic Information Systems and Spatial Analysis (3 cr.)
- GEOG475 Computer Cartography (3 cr.)
- GEOG476 Object-Oriented Computer Programming for GIS (3 cr.)
- GEOG470 Data Structures for Geospatial Computing (3 cr.)

## Program Requirements & Admission

Students are encouraged to take GEOG130 (Developing Countries), GEOG140 (Natural Disasters), or GEOG170 (Mapping our Digital World). However, these courses do not count towards the minor.

There are no special requirements for the GIS Minor Program! Geographic science methods are applicable to many diverse fields ranging from computer science and homeland security to agriculture and environmental science (and more!). We welcome students from every area of study.

All 15 credits for the minor must be taken in the Department of Geographical Sciences at UMD College Park. All courses must be completed with a C or higher. No more than six credits can overlap between required courses for a major and this minor.

### APPLY NOW

Fill out the online application at [ter.ps/geogminor](http://ter.ps/geogminor) today!

If you have any questions, please contact an advisor at [geog-advise@umd.edu](mailto:geog-advise@umd.edu)



COLLEGE OF  
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SOCIAL SCIENCES

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