

# GEOSPATIAL INFORMATION SCIENCES (ONLINE) (GISO)

Graduate Degree Program  
College: Behavioral and Social Sciences

## ABSTRACT

The Master of Science in Geospatial Information Sciences Program is dedicated to providing the most up-to-date education on geospatial technology, theory and applications. The courses cover spatial analysis, statistics, programming, databases, modeling, remote sensing, Web GIS, Mobile GIS, GEONT, big data analytics, drones for data collection, Open Source GIS and GeoAI.

MS degree (30 Credits) and Graduate Certificate (12 Credits) in GIS and Remote Sensing are offered.

## FINANCIAL ASSISTANCE

This program does not offer funding at this time. Please refer to the Graduate School Assistantship Information (<https://gradschool.umd.edu/funding/assistantship-information/>) for educational, professional and financial opportunities.

## CONTACT

Jack Ma  
Director of Programs  
2181F LeFrak Hall  
7251 Preinkert Drive  
University of Maryland  
College Park, MD 20742  
Telephone: 301-405-3861  
Email: [jma3@umd.edu](mailto:jma3@umd.edu)

Kristen Halliday  
Assistant Director, MS Programs  
LeFrak Hall  
7251 Preinkert Drive  
University of Maryland  
College Park, MD 20742  
Telephone: 301-314-1883  
Email: [khallida@umd.edu](mailto:khallida@umd.edu)

Website: <http://geospatial.umd.edu> (<http://geospatial.umd.edu/>)

Courses: GEOG (<https://geospatial.umd.edu/education/master-science-geospatial-information-sciences/#tab-1>)

## ADMISSIONS

### GENERAL REQUIREMENTS

- Statement of Purpose
- Transcript(s)
- TOEFL/IELTS/PTE (international graduate students (<https://gradschool.umd.edu/admissions/english-language-proficiency-requirements/>))

### PROGRAM-SPECIFIC REQUIREMENTS

- Letters of Recommendation (2)
- CV/Resume
- Supplementary Application (<https://gradschool.umd.edu/sites/default/files/2023-05/umdsupplementaryapplicationgis.pdf>)

### APPLICATION DEADLINES

Type of Applicant	Fall Deadline	Spring Deadline	Summer Deadline
<b>Domestic Applicants</b>			
US Citizens and Permanent Residents	July 1, 2026	January 21, 2026	N/A
<b>International Applicants</b>			
F (student) or J (exchange visitor) visas; A, E, G, H, I and L visas and immigrants	July 1, 2026	January 21, 2026	N/A

### RESOURCES AND LINKS:

**Program Website:** [geospatial.umd.edu/education/master-science-geospatial-information-sciences](https://geospatial.umd.edu/education/master-science-geospatial-information-sciences/) (<https://geospatial.umd.edu/education/master-science-geospatial-information-sciences/>)

**Admissions Information:** [gradschool.umd.edu/admissions](https://gradschool.umd.edu/admissions/) (<https://gradschool.umd.edu/admissions/>)

### REQUIREMENTS

- Geospatial Information Sciences, Master of Science (M.S.) (<https://academiccatalog.umd.edu/graduate/programs/geospatial-information-sciences-giso-online/geospatial-information-sciences-ms/>)