

GEOSPATIAL INTELLIGENCE (Z109)

Graduate Certificate Program
College: Behavioral and Social Sciences

Abstract

The **Graduate Certificate in Professional Studies in Geospatial Intelligence (GCPS GEOINT)** is dedicated to providing workforce-focused training at graduate level in ways that can nimbly respond to developments in what is often a rapidly shifting landscape of applied problem-sets, analysis schemes, big and growing data-sets, and software platforms that characterize today's geospatial intelligence.

The GC GEOINT program entails 15 credits from five courses (GEOG661, GEOG662, GEOG697 and two elective courses). These courses cover spatial analysis, remote sensing, big data analytics, geovisualization, programming in web and mobile GIS, geospatial intelligence in various fields, etc.

The **Master of Science in Geospatial Intelligence (MS GEOINT)** is also offered, which entails 30 credits from 10 courses (five core and five elective courses). The credits earned from a GCPS GEOINT can be transferred towards the MPS GEOINT.

Financial Assistance

Teaching Assistantships are offered depending on availability and students' qualifications.

Contact

Ruibo Han
Director of Programs
1111b LeFrak Hall
7251 Preinkert Drive
University of Maryland
College Park, MD 20742
Telephone: 301.314.1343
Email: ruibo@umd.edu

Website: [http://\(http://geoint.umd.edu\)geoint.umd.edu](http://(http://geoint.umd.edu)geoint.umd.edu)

Courses: GEOG (<https://academiccatalog.umd.edu/graduate/courses/geog/>)

Relationships: Geographical Sciences (GEOG) (<https://academiccatalog.umd.edu/graduate/programs/geographical-sciences-geog/>) Geospatial Intelligence (GEIN) (<https://academiccatalog.umd.edu/graduate/programs/geospatial-intelligence-gein/>) Geospatial Intelligence (MPGI) (<https://academiccatalog.umd.edu/graduate/programs/geospatial-intelligence-mpgi/>) Geospatial Information Sciences (MPGS) (<https://academiccatalog.umd.edu/graduate/programs/geospatial-information-sciences-mpgs/>) Geospatial Information Sciences (Z035) (<https://academiccatalog.umd.edu/graduate/programs/geospatial-information-sciences-z035/>)

ADMISSIONS

General Requirements

- Statement of Purpose
- Transcript(s)

Program-Specific Requirements

- Letters of Recommendation (2)
- CV/Resume
- Supplementary Application (<https://gradschool.umd.edu/sites/gradschool.umd.edu/files/uploads/admissionsforms/umdsupplementaryapplicationgeinz109ginoz135.pdf>)
- Description of Research/Work Experience (optional)

***Visa Eligibility:** This program is not eligible for I-20 or DS-2019 issuance by the University of Maryland.

The Graduate School requires all admitted graduate students to have a baccalaureate degree from a regionally accredited college or university in the United States, or the equivalent of a baccalaureate degree in another country.

Applicants with foreign credentials must submit academic records in the original language with literal English translations.

For more admissions information or to apply to the program, please visit our Graduate School website: www.gradschool.umd.edu/admissions (<https://gradschool.umd.edu/admissions/>)

Application Deadlines

Type of Applicant	Fall Deadline	Spring Deadline
Domestic Applicants		
US Citizens and Permanent Residents	July 2, 2024	January 25, 2024
International Applicants		
F (student) or J (exchange visitor) visas; A, E, G, H, I and L visas and immigrants	N/A	N/A

Other Deadlines: Please visit the program website at <http://geospatial.umd.edu/landing/Education> (<http://geospatial.umd.edu/landing/Education/>)

REQUIREMENTS

- Geospatial Intelligence, Post-Baccalaureate Certificate (P.B.C.) (<https://academiccatalog.umd.edu/graduate/programs/geospatial-intelligence-z109/geospatial-intelligence-pbc/>)

FACILITIES AND SPECIAL RESOURCES

New classroom facilities are provided for GEOINT programs as part of the development of the Center for Geospatial Information Science. A dedicated set of server and high-performance computing clusters are also provided from CGIS for teaching GEOINT courses. Students also have full access to the resources (e.g. computer labs, software applications, seminars, etc) in the Geographical Sciences Department as

regular graduate students. All registered students have full access to the facilities and resources (e.g. libraries, gym, computer labs) on campus.

Our local surroundings play host to the center of influence for the geospatial intelligence industry in the United States. The National Geospatial-Intelligence Agency employs 8,500 people at the third largest federal building in the D.C. region at nearby Springfield, VA. The NASA Goddard Space Flight Center in nearby Greenbelt, and the United State Geological Survey in nearby Reston, VA serve as the nexus for the nation's earth science geospatial intelligence. The U.S. Census Bureau in nearby Suitland, MD is tasked with a decennial nationwide data collection exercise that mobilizes a huge workforce to perform geospatial intelligence gathering year-round.