

# M.S. IN GEOGRAPHIC INFORMATION SYSTEMS

ONLINE



Provides in-depth knowledge of the geospatial field and introduces spatial thinking and geographic information systems (GIS) as a tool used in a variety of applications in the industry. Includes real-world projects designed to be applied to actual geospatial issues. Elmhurst is one of only a handful of colleges—and one of the very few liberal-arts-based institutions in the country—with a dedicated GIS server, which provides hands-on experience for students.

## TARGET AUDIENCE:

1. Current teacher: For Advanced Placement for Human Geography®
2. People seeking the Geographic Information Systems Professional (GISP) designation.
3. People in military, government, health care, risk management, marketing, etc.
4. Career changers: working professionals

## ADMISSION REQUIREMENTS:

A bachelor's degree in any major from a regionally accredited university/college. Students with a degree in geography, geospatial technologies, or GIS may have the AGS 500 prerequisite waived. Sufficient work experience in the GIS/geospatial technologies industry, combined with at least a bachelor's degree, may also get AGS 500 waived, as determined by the program director. Graduates of Elmhurst College's online GIS Undergraduate Certificate Program may have AGS 500 waived, providing they have a baccalaureate degree.

## COST:

\$795 per semester hour

## REGISTRATION PROCEDURE:

Online. Support is available through the School for Professional Studies and the Elmhurst College Help Desk.

## ACADEMIC CALENDAR:

Semester calendar in 8-week sessions

## DELIVERY MODE:

Fully online. Weekly synchronous sessions are available but not required. Students interact in real time each week or choose to watch recordings afterwards.

## LOCATION(S) OF COURSES:

Online

## TEXTBOOK PURCHASE:

The EC Bookstore currently has the capability of shipping textbooks to the student's home.

## TRANSFER HOURS POLICY:

Up to two graduate courses may transfer. This will be determined by and is up to the discretion of the program director.

## TOTAL HOURS NEEDED:

10 courses for a total of 7.50 credits (30 semester hours).

## FINANCIAL AID INFO:

<http://www.elmhurst.edu/admission/financial-aid>

## SPECIAL CHARACTERISTICS:

### Dedicated GIS Server

Students in Elmhurst's GIS program may access the ESRI ArcGIS Desktop version 10.x software with all extensions simply by logging in to the dedicated GIS server from any computer, including a Mac, with Internet access and Remote Desktop Connection Client. The server does the high-end processing so students do not require a robust computer to experience high performance.

## CONTACT PERSON(S):

Kimberly Davis  
Asst Director Int'l & CAS Admission  
Office of Admission  
Phone: (630) 617-3438  
Fax: (630) 617-6471  
E-mail: [kimberly.davis@elmhurst.edu](mailto:kimberly.davis@elmhurst.edu)

## ADDRESS:

Elmhurst College  
190 Prospect Avenue  
Elmhurst, IL 60126-3296

## WEBSITE:

<http://www.elmhurst.edu/academics/graduate>

## See also:

<https://youtu.be/l8vYFLyOJ4c>

## REQUIRED COURSES:

AGS 500	Fundamentals of Geospatial Technologies
AGS 510	Remote Sensing and Imagery Interpretation
AGS 520	Fundamentals of Geospatial Programming
AGS 530	Principles of Geodatabases
AGS 540	Spatial Analysis and Web Mapping
AGS 550	Advanced Spatial Analysis
AGS 560	Graduate Internship
AGS 580	E-Portfolio and Research Seminar
AGS 590	Geospatial Thesis
MBA 509	Project Management OR
MPH 535	GIS in Healthcare