

The Elmhurst College GIS Program consists of two separate tracks:

- Professional Track – for GIS Professionals seeking national certification as a certified GIS Professional (GISP) (*taught on-line*)
- Educator/Introductory Track – for educators and those new to GIS (*taught in hybrid format*)

The **Professional Track** consists of four courses and can be completed in 32 weeks of instruction. It includes two information systems (IS) courses and covers principles such as model building, working with ArcObjects, and python programming. Designed for working professionals, all courses are taken online and completed asynchronously. Software is provided, including ArcGIS Desktop 9.x (including all extensions) and AEJEE (ArcExplorer JAVA Edition for Educators. Courses qualify as electives in future degree programs and are aligned with GISCI requirements. Instructors are ESRI-certified GIS professionals.

The **Educator/Introductory Track** consists of two courses taken over 30 weeks of instruction. It includes basic principles of GIS techniques and queries, remote sensing, global positioning systems (GPS), and GIS in society. Software is provided, including ArcGIS Desktop 9.x (including all extensions) and AEJEE (ArcExplorer JAVA Edition for Educators. Courses qualify as electives in future degree programs. Instructors are GIS professionals and educators.

Many students in the GIS Certificate Program work together, which provides a highly supportive and collaborative adult learning environment. All students register for the ESRI Virtual Campus and are assigned approximately two modules per week over both 15-week semesters.

Professional Track

- GIS 200 Advanced Remote Sensing
- GIS 300 Capstone: GIS Applications
- ISG 100 Programming with ArcObjects
- ISG 200 Implementing Geodatabases

Introductory/Educator Track

- GIS 100 Fundamentals of GIS & the Global Positioning System (GPS)
- GIS 300 Capstone: Teaching Geospatial Concepts

For further information concerning the Elmhurst College GIS Certificate Program, contact the Program Coordinator, Dr. Rich Schultz: (630) 617-3128 or richs@elmhurst.edu