Geographic Information Science
Postbaccalaureate Certificates

For those seeking to graduate sooner, Kent State University offers online postbaccalaureate certificates in geographic information science (GISc) to help prepare students for analytical and managerial positions that utilize geospatial technologies in specific focus areas.

Programs at a Glance

- Graduate in as little as a year
- 14 or 15 credits
- Courses last 7 weeks
- Multiple sections of each course are offered
- 3 certificate options: Cyber GISc, Environmental GISc or General GISc
- No GRE requirement

Note: Twelve credits from the certificates can be transferred to the Master of Geographic Information Science. Petition of transfer credits must be submitted to the Department of Geography post-acceptance into the Master of Geographic Information Science program.

Postbaccalaureate Certificate in Cyber Geographic Information Science

The Cyber GISc postbaccalaureate certificate option helps prepare students to work in the geospatial technology industry, as well as in related fields. Students will explore the use and development of cyberinfrastructure as well as spatial programming analysis and web-enabled mapping technologies. Prospective employers are private and public sector entities that need to manage large systems and big geospatial data. This includes local, state and federal government agencies, businesses that focus on logistics, marketing, engineering and nonprofit agencies.

Postbaccalaureate Certificate in Environmental Geographic Information Science

Students who choose this certificate option will focus their work on the use of GIS to understand environmental resources, changes and hazards. Experts in the fields of emergency management, public safety and homeland security depend on geospatial technologies and mapping for planning, response, mitigation and recovery activities. Graduates will be prepared for a wide range of government and private sector consulting positions that assist with these activities.

Postbaccalaureate Certificate in General Geographic Information Science

The General GISc certificate program helps prepare students for a career in geospatial technology, including positions in private and public sector entities, helping to manage large systems and big geospatial data, as well as mapping and analyzing health data and environmental conditions and resources. Potential fields for graduates include local, state and federal government agencies, logistics-focused businesses, marketing, engineering, health services and environmental management nonprofits.

Faculty

Kent State University’s GISc faculty in the Department of Geography have diverse backgrounds and professional experience that include public health mapping, geospatial analysis, cyber GIS, crime analysis, remote sensing and geomorphology. Our highly trained faculty are here to ensure you receive the best quality of educational experience.