

CARTOGRAPHY AND GEOGRAPHIC INFORMATION SYSTEMS, BS

ADVISING AND CAREERS

ADVISING AND CAREERS DECLARE OR CANCEL THIS MAJOR

Please follow the process described on the Geography website (<https://geography.wisc.edu/undergraduate/geography-major/#advising-and-declaring-the-major>).

Students with questions about the major, courses, and careers are encouraged to contact the Geography undergraduate advisor.

CAREERS

Cartography and Geographic Information Systems is a booming professional path. Mapping and geospatial analysis tools have become increasingly essential in industries as varied as transportation and urban planning, environmental science and conservation, national security, disaster management and mitigation, engineering, surveying, health and epidemiology, archaeology, history, and public safety. The U.S. Bureau of Labor Statistics estimates 6% employment growth in the field between 2024 and 2032 (<https://www.bls.gov/ooh/architecture-and-engineering/cartographers-and-photogrammetrists.htm>), faster than the average rate of other industries. Alumni who learned GIS skills through this major work in local, national, and international government positions; Apple, Google, Facebook, Uber, and other large companies; and media outlets such as National Geographic, The New York Times, Reuters, and The Wall Street Journal. See some examples of GIS professionals at work (<https://www.esri.com/en-us/what-is-gis/careers/>).

STUDY ABROAD

Learning in Letters & Science emphasizes discovery, growth, understanding different perspectives, and challenging yourself, which makes studying abroad an excellent fit for many L&S students: studyabroad.wisc.edu (<https://studyabroad.wisc.edu/>)

As a university with global influence, we have more than 300 study abroad programs (<https://studyabroad.wisc.edu/programs/>) in over 80 countries. These vary in length, academic focus, teaching format, language requirements, cost, and level of independence. There are many programs to complement every major (<https://studyabroad.wisc.edu/academics/major-advising-pages-maps/#L&S>) and any year of college (including the final semester)—and all meet UW–Madison’s high academic standards. Students admitted into Letters & Science can even choose a short program in the summer before they start college or their whole first year: studyabroad.wisc.edu/launch (<http://studyabroad.wisc.edu/launch/>). Talk with your academic advisor about how studying abroad might fit with your academic plan.

SUCCESSWORKS

SuccessWorks (<https://successworks.wisc.edu/>) at the College of Letters & Science helps you turn the academic skills learned in your classes

into a fulfilling life, guiding you every step of the way to securing jobs, internships, or admission to graduate school.

Through one-on-one career advising, events, and resources, you can explore career options, build valuable internship and research experience, and connect with supportive alumni and employers who open doors of opportunity.

- What you can do with your major (<https://successworks.wisc.edu/what-you-can-do-with-your-major/>) (Major Skills & Outcomes Sheets)
- Make a career advising appointment (<https://successworks.wisc.edu/make-an-appointment/>)
- Learn about internships and internship funding (<https://successworks.wisc.edu/finding-a-job-or-internship/>)
- Try “Jobs, Internships, & How to Get Them,” (<https://successworks.wisc.edu/canvas/>) an interactive guide in Canvas for enrolled UW–Madison students