The Department of Geographical and Sustainability Sciences offers Master of Arts and Doctor of Philosophy degrees. Graduate programs focus on studies that extend understanding of the environmental consequences of human decisions at local, regional, and global scales; processes that lead to geographic patterns in health and disease; technologies that help capture, represent, visualize, and analyze geographic patterns and processes; and processes that produce ecosystem services and sustainable futures. Within this broad domain, the department has strengths in environmental justice, environmental modeling, urban ecology, GIScience and GIS, land use/land cover change, and health geography. The mission of the graduate program is to empower graduates with the ability to conduct significant research. In addition to offering graduate degree programs, the department administers the geoinformatics subprogram of the graduate informatics certificate; see the Certificate in Informatics (Graduate College) in the Catalog.

GE CLAS Core Courses

The Department of Geographical and Sustainability Sciences offers a number of courses that students in other majors may use to satisfy requirements of the College of Liberal Arts and Sciences GE CLAS Core. Look for courses with the prefix GEOG under "Natural Sciences," "Social Sciences," and "International and Global Issues" in the GE CLAS Core section of the Catalog. Nonmajors also may choose geographical and sustainability sciences courses as electives.

Related Certificates

Social Science Analytics

The Department of Geographical and Sustainability Sciences collaborates with the Departments of Political Science, Sociology and Criminology, and Statistics and Actuarial Science (College of Liberal Arts and Sciences) to offer the undergraduate program in social science analytics. The Department of Political Science administers the certificate; see the Certificate in Social Science Analytics in the Catalog.

Sustainability

The Department of Geographical and Sustainability Sciences collaborates with the Departments of Biology, Earth and Environmental Science (College of Liberal Arts and Sciences), Civil and Environmental Engineering (College of Engineering), as well as the School of Planning and Public Affairs (Graduate College) and the Tippie College of Business to offer the undergraduate program in sustainability. The certificate is administered by University College; see the Certificate in Sustainability in the Catalog. Systems (GIS) software used to investigate and solve many environmental and social problems. Opportunities for graduates with GIS training are growing rapidly in both private and governmental organizations. To gain related knowledge, get hands-on experience, and conduct independent research, students have access to the department's state-of-the-art Geographical Information Systems Instructional Lab (GISIL). For more information, see Facilities [p. ] in this section of the Catalog.

The Department of Geographical and Sustainability Sciences has strengths in environmental justice, environmental modeling, urban ecology, GIScience and GIS, land use/land cover change, and health geography. The mission of the graduate program is to empower graduates with the ability to conduct significant research. In addition to offering graduate degree programs, the department administers the geoinformatics subprogram of the graduate informatics certificate; see the Certificate in Informatics (Graduate College) in the Catalog.