

**CONTACT PERSON(S):**

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**WEBSITE:**

[http://www.uis.edu/  
environmentalstudies/](http://www.uis.edu/environmentalstudies/)

**REQUIRED COURSES:**

ENS 404 Fundamentals of GIS  
ENS 405 Fundamentals of Remote Sensing  
ENS 503 Advanced GIS Applications

GIS has applications for governments, many businesses, the health industry, environmental organizations, public service fields, and other social and physical science fields. The GIS graduate certificate program can stand on its own or be paired with a master's degree; thus it is an option for mid-career professionals, as well as those seeking to begin a new career.

**TARGET AUDIENCE:**

Students who wish to obtain a useful and necessary toolset for a wide range of fields. People entering this program do not need to have any sort of computer programming background, though they do need to be proficient in basic computer skills.

**ADMISSION REQUIREMENTS:**

- Applicants must hold a baccalaureate degree from an accredited institution and meet campus requirements for admission to graduate study. A minimum undergraduate GPA of 3.0 is required for admission. Students not meeting this level may still apply, but will need to write a letter to the GIS Admissions Committee via email to Dennis Ruez (druez2@uis.edu) justifying their ability to complete graduate-level coursework (such as having significant work experience in the area).
- Candidates for the certificate must complete course requirements with a grade of B or better (a grade of B- is not acceptable).
- Applicants who took an introductory GIS course as an undergraduate, may petition to replace ENS 404 with either ENS 403 (Transportation: Problems and Planning Procedures) or ENS 501 (Land Use and Environmental Planning).

For information on Application Procedures, please go to the following page: <http://www.uis.edu/environmentalstudies/curriculum/gis/>.

**COST:**

Information on tuition, fees, and assessments can be found here: <http://www.uis.edu/registration/tuition/>.

**LOCATION(S) OF COURSES:**

Entirely online, with no residency or campus visit requirements.

**TOTAL HOURS NEEDED:**

12 Semester hours.