

GEOGRAPHIC INFORMATION SYSTEMS CERTIFICATE

The Geographic Information Systems certificate offers the essential training in contemporary geographic mapping technology needed to solve complex geospatial problems commonly encountered in environmental sciences, urban planning, social sciences, public health, as well as business, engineering, and many more fields. This curriculum provides instruction in the fundamental principles and concepts behind GIS applications, and practical experiences in acquiring and managing geospatial data, creating programs and scripts to automate geospatial tasks and implement geographic concepts, applying spatial thinking principles using geospatial analysis procedures for problem solving, and designing effective and accurate maps to visualize and communicate geographic information and analysis results.

PROGRAM STRUCTURE

This program is offered on-campus only. Evening class options are available. You can complete this certificate within a single academic year, including through weekly evening courses. You must complete three 3-credit courses for a total of 9 credit hours to earn the certificate.

EXPECTATIONS AFTER CERTIFICATE COMPLETION

Students who complete the GIS certificate program will develop skills to be considered GIS Technicians or GIS Analysts, with the potential to become GIS Managers. The desire for this highly useful skill is not restricted to students in Environmental Sustainability. It is relevant to students and researchers from nearly every discipline.

ADMISSION REQUIREMENTS

- Completion of the equivalent of a U.S. baccalaureate degree from any accredited institution
- Completed application form
- Official transcripts from your undergraduate institution(s)
- Resume and statement of intent
- At least one letter of recommendation
- Minimum undergraduate GPA of 3.0

FINANCIAL AID

Begin the financial aid process by completing your Free Application for Federal Student Aid (FAFSA) at fafsa.ed.gov.

LEARN MORE

APPLICATION INFORMATION AND DEADLINES

gpem.LUC.edu/apply

CONTACT INFORMATION

For further information about the academic program, or to arrange a visit, please contact:

School of Environmental Sustainability
Loyola University Chicago
1032 W. Sheridan Road
Chicago, IL 60660

PHONE: 773.508.2130

ONLINE: LUC.edu/sustainability

Send all supporting documents to:

Graduate and Professional Enrollment Management
Loyola University Chicago
820 N. Michigan Avenue
Lewis Towers 1200
Chicago, IL 60611

PHONE: 312.915.8950

EMAIL: GradApp@LUC.edu

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