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# **Graduate Certificate in Geographic Information Systems**

The graduate certificate in Geographic Information Systems (GIS) is designed to provide students with a broad array of geospatial analytical skills which will be applicable to both academic and practice-oriented careers.

The graduate certificate is available to both on-campus and online students. It is not necessary for a student to pursue a degree at UIS to earn the certificate. Degree-seeking students may apply credits required for the certificate to the MS in Environmental Sciences.

# **Grading Policy**

Candidates for the certificate must complete each required course with a grade of B or better (a grade of B- is not acceptable).

# Requirements

### **Required Courses**

<b>Total Hours</b>		12
ENS 503	Advanced GIS Applications	4
ENS 405	Fundamentals of Remote Sensing <sup>2</sup>	4
ENS 404	Fundamentals of Geographic Information Systems <sup>1</sup>	4

Applicants who took the introductory GIS course previously may submit a Student Petition to replace ENS 404

<sup>&</sup>lt;sup>2</sup> ENS 405 can be substituted with an appropriate course with the approval of GIS Director