



## GIS Certificate Program

A Program of the Joint Center for GIS and Spatial Analysis (GISSA)

### Program Description

The GIS Certificate Program is designed to meet the needs of both the novice, and experienced GIS professionals. Students who graduate from this program will have a solid understanding of the theoretical basis of GIS and rich hands-on experience with GIS software packages.

### Application

The GIS Certificate Program is open to both matriculated and non-matriculated students at the University of Cincinnati. Students can start the program in any quarter. The certificate can be granted retroactively; the deadline for application is two years after completion of all required courses. However, students are strongly encouraged to contact an advisor and apply early in the process.

### Requirements

To obtain a GIS certificate, a student must complete five required courses from the following list, with a minimum grade of C in each course. The certificate will be awarded upon application and satisfactory completion of the required courses.

#### I. Introductory Level (Two courses are required):

1. One out of the following courses:  
Geography 574: Introduction to Computer Cartography  
Geography 576: Introduction to Remote Sensing
2. One out of the following courses:  
Geography 580: Introduction to GIS  
Planning 580/780: Introduction to GIS

#### II. Intermediate Level (Two courses are required):

- Geography 581: GIS Modeling and Environmental Applications
- Geography 582: GIS Urban-Economic Applications
- Planning 581/781: GIS Planning Applications

#### III. Advanced Level (One course is required):

- Geography 693: Advanced GIS
- Planning 582/782: GIS Project Management and Formulation

Lower level courses may be replaced by upper level courses upon approval of the advisor.

### Advisors

Lin Liu	Geography, Braunstein Hall 400E	556-3429	<a href="mailto:lin.liu@uc.edu">lin.liu@uc.edu</a>
Xinhao Wang	Planning, DAAP Building 6217	556-0479	<a href="mailto:xinhao.wang@uc.edu">xinhao.wang@uc.edu</a>

### Costs

The cost of courses in this program is in accordance with the university's general tuition rate. Please visit <http://www.uc.edu> for the current tuition rate.



## GIS Certificate Program Application Form

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STUDENT \_\_\_\_\_

UC-ID (or SSN) \_\_\_\_\_

DATE \_\_\_\_\_

Department/College \_\_\_\_\_

Program \_\_\_\_\_

Mailing address: \_\_\_\_\_

Telephone: \_\_\_\_\_

Email: \_\_\_\_\_

Course name	Grade	Quarter/Year
<b>I. Introductory Level (Two courses are required)</b>		
<input type="checkbox"/> Geography 574: Introduction to Computer Cartography		
<input type="checkbox"/> Geography 576: Introduction to Remote Sensing		
<input type="checkbox"/> Geography 580: Introduction to GIS		
<input type="checkbox"/> Planning 580/780: Introduction to GIS		
<b>II. Intermediate Level (Two courses are required)</b>		
<input type="checkbox"/> Geography 581: GIS Modeling and Environmental Applications		
<input type="checkbox"/> Geography 582: GIS Urban-Economic Applications		
<input type="checkbox"/> Planning 581/781: GIS Planning Applications		
<b>III. Advanced Level (One course is required)</b>		
<input type="checkbox"/> Geography 693: Advanced GIS		
<input type="checkbox"/> Planning 582/782: GIS Project Management and Formulation		

**Transcripts attached.**

Submit the application form and transcript to:

Holly Arnold  
 401 Braunstein Hall  
 PO BOX 210131  
 Cincinnati, OH 45221-0131  
[Holly.Arnold@uc.edu](mailto:Holly.Arnold@uc.edu)  
 Phone: 513-556-3480  
 Fax: 513-556-3370

<b>Official use only</b>	
Application received on: _____	
Transcripts received on: _____	
Approved by: _____	Date: _____
Certificate issued on: _____	