

Department of Geography

Application for Certificate Completion

Certificate in GIS - Geographic Information Science

Effective Fall 2016

20 Hours required

The Texas State Department of Geography Geographic Information Science Certificate provides the recipient with a working knowledge of Geographic Information Science (GISci) in sufficient detail that they are prepared for professional positions involving the theoretical and applied aspects of implementing and administering a Geographic Information Science.

To the prospective employer, the certificate is a professional endorsement that the recipient has received five university level courses on issues fundamental to the design, implementation, and management of Geographic Information Science. A formal certificate issued by the Texas State's College of Liberal Arts and a statement on the recipient's Texas State transcript recognize successful completion of the program.

Applicants to the Geographic Information Science Certificate program are required to be a Texas State University Undergraduate degree seeking or post-baccalaureate student in good standing.

Requirements for the Certificate (20 hours) - Student must complete the required courses with no grade less than a "C" and an overall average for the five classes of at least a 2.5.

Date: _____

Full Name: _____
(As to appear on Certificate)

Student ID Number: _____

Mailing Address: _____

Email Address: _____

Telephone Number: _____

Current Major (if applicable): _____

Please return this application form to:
Stella LoPachin
Administrative Assistant II
Department of Geography ELA 130
601 University Drive San Marcos, TX 78666
Fax (512) 245-8353

Requirements Summary:

Please indicate in the table below the semester, year and final grade obtained in the required courses.

Course Number	Course Title	Semester/Year	Final Grade
GEO 2426/5418	Fundamentals of GIS (Prerequisite: MATH 1315 or above, excluding MATH 1316 with a grade of "C" or higher)		
GEO 3426/5419	Advanced Geographic Information Systems (Prerequisite: GEO 2426 & GEO 3301 with a grade of "C" or higher)		
Three courses chosen from below to complete 19 - 20 hours required			
GEO 3411	Maps and Mapmaking (Prerequisite: GEO 2426 with a grade of "C" or higher)		
GEO 3416	Principle of Remote Sensing (Prerequisite: GEO 2410 with a grade of "C" or higher)		
GEO 4424/5424	GPS and GIS (Prerequisite: GEO 2426, and GEO 3411 or GEO 3426 with a grade of "C" or higher)		
GEO 4411/5417	Advanced Cartographic Design (Prerequisite: GEO 3411 with a grade of "C" or higher)		
GEO 4412/5415	Digital Remote Sensing (Prerequisite: GEO 3301 and GEO 3416 with a grade of "C" or higher)		
GEO 4422/5408	Web Mapping (Prerequisite: GEO 3411 with a grade of "C" or higher)		
GEO 4427	GIS Design and Implementation (Prerequisite: GEO 3426 with a grade of "C" or higher, Junior/Senior standing, and Instructor Approval)		

Course Equivalency: Please indicate in the table below any courses you have taken at another university that have previously been approved as equivalent to a required course.

Texas State Course	Equivalent Course	Where Taken	Semester/Year	Final Grade

Student Signature: _____ Date: _____

Approved by:

_____ Date: _____

Administrator

_____ Date: _____

Undergraduate Program Coordinator

_____ Date: _____

Department Chair

For Geo Office Use Only:

2426/5418__ 3426/5419__ 3411__ 3416__ 4424/5424__ 4411/5417__ 4412/5415__ 4427__

G.P.A. _____ Date: _____