

97-03

January 13, 1997

**Certificate in Cartography and Geographic Information Systems (code 1-8040)
(Supersedes PS 81-02)**

This revised and renamed certificate was recommended by the Academic Senate on November 14, 1996 and approved by the President on December 19, 1996.

Directors: Dr. Judith Tyner; Director, Dr. Franklin Gossette, Associate Director

This program offers specialized training in a variety of theoretical and applied cartographic techniques. The program is designed to provide experience in communication through maps and serves as a supplement to standard degree programs. It provides essential training for those seeking map making careers in both the public and private sector.

Requirements

1. A Bachelor's Degree, which may be earned concurrently.
2. Consultation with the Director of the program.
3. 30 units distributed as follows:
 - A. Courses marked with an * are required;
 - B. At least one elective must be taken from each category;
 - C. Courses marked with ** are not available to undergraduate students.

Design and Presentation

GEOG 482*, 484*

Analysis

GEOG 200 (or equivalent)*, 380*, 400, 483*, 485*, MATH 101 (or equivalent), 117.

Methods/Applications

GEOG 486, 488*, 492/592, 680**, CE 225, ME 172, GEOL 535**

EFFECTIVE: SPRING 1997

Code: 8040

College: 28

Career: UG