

CYBER GEOGRAPHIC INFORMATION SCIENCE - GRADUATE CERTIFICATE

College of Arts and Sciences
 Department of Geography
 413 McGilvrey Hall
 Kent Campus
 330-672-2045
 geography@kent.edu
 www.kent.edu/geography

GEOG 69007	SPATIOTEMPORAL ANALYTICS
GEOG 69082	CYBERGIS
GEOG 69083	GEODATABASES
GEOG 69164	CARTOGRAPHIC DESIGN
Minimum Total Credit Hours:	
	15

Graduation Requirements

Minimum Certificate GPA
3.000

Description

The Cyber Geographic Information Science graduate certificate prepares graduates to work in the geospatial technology industry, as well as allied industries that rely on employees who are highly trained in this technology. Prospective employers are private and public sector entities that need to manage large systems and big geospatial data. Examples of such employers are local, state and federal government agencies; businesses that focus on logistics, marketing and engineering; and non-profit agencies in health services and environment management.

Fully Offered At:

- Online

Admission Requirements

- Official transcript(s)
- Undergraduate degree in geography or a related field¹
- Minimum 3.000 undergraduate GPA
- Goal statement
- Three letters of recommendation

For more information about graduate admissions, please visit the Graduate Studies website.

¹ This requirement may be waived with evidence of professional experience using geospatial technologies or alternative evidence of ability to excel in a geographic information science graduate degree program.

Program Requirements

Certificate Requirements

[C638]

Code	Title	Credit Hours
Certificate Requirements		
Certificate Electives, choose from the following:		15
CS 61002	ALGORITHMS AND PROGRAMMING I	
DSCI 64210	DATA SCIENCE	
GEOG 59076	SPATIAL PROGRAMMING	
GEOG 59085	WEB AND MOBILE GEOGRAPHIC INFORMATION SCIENCE	