GEOGRAPHIC INFORMATION SYSTEMS, CERTIFICATE

The Geographic Information Systems (GIS) Certificate is intended to provide formal GIS training to students interested in this field. The five technical classes cover a broad range of GIS topics including terminology, data management, map design, geodatabases, spatial queries, spatial analysis, project development and design and problem solving. The program emphasizes a real world approach to the GIS sciences with the purpose of attaining employment and careers in the field of GIS. A sixth topical course provides a context for application of these GIS skills. This certificate requires 18 credits.

For more information about Geography, please visit the program page (http://www.cod.edu/geography/).

Certificate Requirements

Field of Study Code: GEOGR.CER.GIS

Code	Title	Credits
Program Requirements		
GEOGR 1151	Geographic Information Systems I	3
GEOGR 1152	Geographic Information Systems II	3
GEOGR 1153	Applied Geographic Information Systems	3
GEOGR 1154	Geodatabase Development	3
GEOGR 1155	GIS Capstone Project	3
Program Electives		**3**
Select one of the following:		
ANTHR 1200	Discovering Archaeology	
CRIMJ 1112	Crime Prevention	
CRIMJ 1145	Introduction to Homeland Security	
EARTH 1119	Weather Impacts and Preparedness	
GEOGR 1140	Urban Geography	
MANAG 2170	Project Management	
MANAG 2210	Principles of Management	
Total Credits		**18**