GEOGRAPHIC INFORMATION SYSTEMS, GCRT

Requirements for Students Matriculating in or before Academic Year 2023-2024. Learn more about Graduate College Academic Regulation 7.0 (http://catalog.okstate.edu/graduate-college/#70).

Total Hours: 15

Code	Title	Hours
Core Courses		
Select three courses from the following:		9
GEOG 5103	Fundamentals of Geographic Information Systems	
GEOG 5323	Geographic Information Systems: Resource Management Applications	
GEOG 5253	Geographic Information Systems: Socioeconomic Applications	
GEOG 5343	Advanced Geographic Information Systems: Resource Management Applications	
GEOG 5353	Advanced Geographic Information Systems: Socioeconomic Applications	
Hours Subtotal		**9**
Electives		
Select two courses, each from a different category:		6
Category 1: Spatial Analysis/GIS Programming		
GEOG 5383	Introduction to GIS Programming	
GEOG 5303	Geographic Analysis I	
GEOG 6303	Geographic Analysis II	
Category II: Spatial Data Collection, Management & Representation		
GEOG 5263	Geospatial Applications for Unmanned Aerial Systems	
GEOG 5503	Applications of the Global Positioning System in Field Research	
GEOG 5333	Remote Sensing	
GEOG 6313	Mixed Methods in Field Research	
GEOG 6333	Advanced Remote Sensing	
Hours Subtotal		**6**
Total Hours		**15**

Graduate College Certificate Requirements

Learn more about Graduate College 2023-2024 Graduate Certificate Program Requirements (http://catalog.okstate.edu/graduate-college/). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.