GEOGRAPHIC INFORMATION SYSTEMS, GCRT

Requirements for Students Matriculating in or before Academic Year 2024-2025. 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	
GEOG 5373	Geographic Information Systems in Public Health	
Hours Subtotal		**9**
Electives		
Select one course from each 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 5663	Web GIS: Trends, Principles, and Applications	
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 2024-2025 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.