

GEOSPATIAL GRADUATE CERTIFICATE (12 credit hours)

Fundamentals (at least one course from the choices below)*:

Geographic Information Science

GIS 5013: Fundamentals of GIS

Remote Sensing

GIS 5133: Fundamentals of Remote Sensing

Techniques (at least two courses from the list below):

- CS 5093: Visual Analytics
- GIS 5923: Spatial Statistics
- GIS 5653: Spatial Programming
- ISE 5103: Intelligent Data Analytics
- METR 5393: Automated Analysis of Spatial Grids

Advanced/Applied courses (at least one course from the choices below):

Geographic Information Systems

GIS 5323: GIS Applications

GIS 5453: Advanced GIS & Spatial Analysis

GEOG 5623: Seminar in GIS Design

RCPL 5463: Computer Mapping and GIS in
Planning

RCPL 5970: Advanced GIS

Remote Sensing

GIS 5233: Digital Image Processing

PBIO 5732: Environmental Remote Sensing

CEES 5903: Remote Sensing Hydrology

METR 5673: Weather Radar

*If the student(s) previously finished a fundamentals course, they should take at least two courses from the Advanced/Applied list.

Graduate College Certificate Program Form -

[http://ou.edu/content/dam/gradweb/documents/Forms and packets/GradCertificates/GCPR GeospatialTechnologies G042.pdf](http://ou.edu/content/dam/gradweb/documents/Forms%20and%20packets/GradCertificates/GCPR%20GeospatialTechnologies%20G042.pdf)



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