

GEOSPATIAL SCIENCE GRADUATE CERTIFICATE

Admission Requirements

Complete the following admission requirements:

- Hold a baccalaureate degree from an accredited institution
- Completion of Elementary Statistics (STAT F200X), Computer Science I (CS F201), College Algebra for Calculus (MATH F151X), Calculus II (MATH F252X), and General Physics (PHYS F211X)¹ or their equivalents;
- Completion of Introduction to GIS (NRM F338)¹ or its equivalent;

¹ Students must have earned a C or better in each course

Program Requirements

< Back to Department (<https://catalog.uaf.edu/academic-departments/natural-resources-environment/>)

Minimum Requirements for Geospatial Science Graduate Certificate: 12 credits

Code	Title	Credits
General University Requirements		
Complete the general university requirements. (https://catalog.uaf.edu/graduate-certificates/#gurgraduatecertificatetext)		
Graduate Certificate Requirements		
Complete the graduate certificate requirements. (https://catalog.uaf.edu/graduate-certificates/)		
Geospatial Science Program Requirements		
Complete one of the following:		3-4
NRM F435	GIS Analysis ¹	
GEOS F458	Big Geospatial Data ¹	
or GEOS F658	Big Geospatial Data	
Complete three of the following:		9
GEOS F422	Geoscience Applications of Remote Sensing ¹	
GEOS F622	Digital Image Processing in the Geosciences	
GEOS F639	InSar and Its Applications	
GEOS F654	Visible and Infrared Remote Sensing	
GEOS F657	Microwave Remote Sensing	
NRM F638	GIS Programming	
NRM F641	Natural Resource Applications of Remote Sensing	
Total Credits		12-13

¹ Maximum 4 credits at the F400 level.