

# Geospatial Science Graduate Certificate

## Program Requirements

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## Minimum Requirements for Geospatial Science Graduate Certificate: 12 credits

Code	Title	Credits
<b>General University Requirements</b>		
Complete the general university requirements. ( <a href="https://catalog.uaf.edu/graduate-certificates/#gurgraduatecertificatestext">https://catalog.uaf.edu/graduate-certificates/#gurgraduatecertificatestext</a> )		
<b>Graduate Certificate Requirements</b>		
Complete the graduate certificate requirements. ( <a href="https://catalog.uaf.edu/graduate-certificates/">https://catalog.uaf.edu/graduate-certificates/</a> )		
<b>Geospatial Science Program Requirements</b>		
Complete one of the following:		3-4
NRM F435	GIS Analysis <sup>1</sup>	
GEOS F458	Big Geospatial Data <sup>1</sup>	
or GEOS F658	Big Geospatial Data	
Complete three of the following:		9
GEOS F422	Geoscience Applications of Remote Sensing <sup>1</sup>	
GEOS F622	Digital Image Processing in the Geosciences	
GEOS F639	Geodetic Imaging	
GEOS F657	Microwave Remote Sensing	
GEOS F659	Visible and Infrared Remote Sensing	
NRM F638	GIS Programming	
NRM F641	Natural Resource Applications of Remote Sensing	
<b>Total Credits</b>		<b>12-13</b>

<sup>1</sup> Maximum 4 credits at the F400 level.

## 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)<sup>1</sup> or their equivalents;
- Completion of Introduction to GIS (NRM F338)<sup>1</sup> or its equivalent;

<sup>1</sup> Students must have earned a C or better in each course