

# GIS and Remote Sensing

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## Department Information

- **Department Location:**  
Stevens Hall
- **Department Phone:**  
701-231-84545
- **Department Web Site:**  
[www.ndsu.edu/geosci/](http://www.ndsu.edu/geosci/) (<http://www.ndsu.edu/geosci/>)
- **Credential Offered:**  
Graduate Certificate

The Geographic Information Systems (GIS) and Remote Sensing certificate program is a 12-credit program in geospatial techniques. The certificate provides an opportunity for students to acquire additional credentials in the field and is available to Graduate students from any discipline. Use and applications of GIS and Remote Sensing continue to grow and be desirable skill sets in many careers. This certificate program will provide both the depth and breadth of skills necessary for utilizing geospatial data in diverse careers.

## Certificate Requirements

Code	Title	Credits
<b>Required Courses</b>		<b>7</b>
GEOG 655	Introduction to Geographic Information Systems	
GEOG 670	Remote Sensing	
<b>Choose two courses from the following:</b>		<b>6</b>
GEOG 656	Advanced Geographic Information Systems	
GEOG 665	Remote Sensing of the Environment	
GEOG 680	Geographic Information Systems Pattern Analysis and Modeling	
<b>Total Credits</b>		<b>13</b>