

# GIS and Remote Sensing

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## Department Information

- **Department Location:**  
238 Sugihara Hall
- **Department Phone:**  
701-231-8837
- **Department Web Site:**  
[www.ndsu.edu/geosci/](http://www.ndsu.edu/geosci/) (<http://www.ndsu.edu/geosci/>)
- **Credential Offered:**  
Undergraduate Certificate
- **Program Overview:**  
[catalog.ndsu.edu/programs-study/undergraduate/gis-remote-sensing/](http://catalog.ndsu.edu/programs-study/undergraduate/gis-remote-sensing/) (<http://catalog.ndsu.edu/programs-study/undergraduate/gis-remote-sensing/>)

## Certificate Requirements

### Certificate: GIS and Remote Sensing

Minimum Credits: 13

Code	Title	Credits
GEOG 455	Introduction to Geographic Information Systems	4
GEOG 470	Remote Sensing	3
Select two classes from the following:		6
GEOG 456	Advanced Geographic Information Systems	
GEOG 465	Remote Sensing of the Environment	
GEOG 480	Geographic Information Systems Pattern Analysis and Modeling	
<b>Total Credits</b>		<b>13</b>