

GIS and Remote Sensing

Department Information

- **Department Phone:**
(701) 231-8818
- **Department Web Site:**
ndsu.edu/drem/programs/graduate/#c860765 (<http://ndsu.edu/drem/programs/graduate/#c860765>)
- **Credential Offered:**
Graduate Certificate

The Geographic Information Systems (GIS) and Remote Sensing certificate program is a 13-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 |
|---|--|-----------|
| Required Courses | | 7 |
| GEOG 655 | Introduction to Geographic Information Systems | |
| GEOG 670 | Remote Sensing | |
| Choose two courses from the following: | | 6 |
| GEOG 656 | Advanced Geographic Information Systems | |
| GEOG 665 | Remote Sensing of the Environment | |
| GEOG 680 | Geographic Information Systems Pattern Analysis and Modeling | |
| Total Credits | | 13 |