# GEOGRAPHIC INFORMATION SCIENCE - GRADUATE CERTIFICATE

**College of Arts and Sciences**  
Department of Geography  
413 McGilvrey Hall  
Kent Campus  
330-672-2045  
geography@kent.edu  
www.kent.edu/geography

## Description
The Geographic Information Science graduate certificate prepares graduates to work in the geospatial technology industry, as well as in allied industries that rely on employees who are highly trained in this technology. Prospective employers are private and public sector entities that need to manage large systems and big geospatial data, map and analyze health data, and map and analyze environmental conditions and resources. Examples of such employers are local, state and federal government agencies; business that focus on logistics, marketing and engineering; and non-profit agencies in health services and environmental management.

**FULLY OFFERED AT:**  
- Online

## Admission Requirements
- Official transcript(s)  
- Undergraduate degree in geography or a related field\(^1\)  
- Minimum 3.000 undergraduate GPA  
- Goal statement  
- Two letters of recommendation

For more information about graduate admissions, please visit the Graduate Studies website.

\(^1\) Requirement that undergraduate degree be in geography or related field may be waived with evidence of professional experience using geospatial technologies or alternative evidence of ability to excel in a geographic information science graduate program.

## Gainful Employment Disclosure
Disclosure statement for this certificate.

## Program Requirements
### Certificate Requirements

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 59070</td>
<td>GEOGRAPHIC INFORMATION SCIENCE</td>
<td>4</td>
</tr>
<tr>
<td>GEOG 59080</td>
<td>ADVANCED GEOGRAPHIC INFORMATION SCIENCE</td>
<td>3</td>
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<tr>
<td>GEOG 69164</td>
<td>CARTOGRAPHIC DESIGN</td>
<td>4</td>
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<tr>
<td>Certificate Elective, choose from the following:</td>
<td>3-4</td>
<td></td>
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Minimum Total Credit Hours: 14

### Graduation Requirements
- Minimum Certificate GPA: 3.000