Geographic Information Science Minor

(All colleges, excluding teacher certification programs; not open to geography and earth science majors and minors)

18 credits

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>GEO/ESC 250</td>
<td>Maps and GIS</td>
<td>3</td>
</tr>
<tr>
<td>GEO/ESC 385</td>
<td>Introduction to Geographic Information System and Science</td>
<td>3</td>
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<tr>
<td>GEO 485</td>
<td>Advanced Geographic Information Science</td>
<td>3</td>
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Electives

Select at least nine credits of the following: 9 credits

- GEO/ESC 345 Remote Sensing
- GEO/ESC 355 Map Design and Geovisualization
- GEO/ESC 390 Geospatial Field Methods
- GEO 395 Geospatial Applications of Unmanned Aerial Systems
- GEO/ESC 440 Geographic Interpretation of Aerial Photographs
- GEO/ESC 445 Advanced Remote Sensing
- GEO/ESC 455 Web Mapping
- GEO 465 Scripting in GIS
- GEO 488 Spatial Data Analysis
- GEO 450 Geography Internship ¹
  or GEO 490 Independent Study
  or GEO 499 Undergraduate Research

Total Credits 18

Students in this minor are required to take STAT 145.

¹ Maximum three credits can be applied to the minor from GEO 450, GEO 490, or GEO 499.