GEOGRAPHIC INFORMATION SCIENCE, MINOR

The Geographic Information Science (GIS) minor is available to students who want to learn GIS without majoring in geography. GIS refers to working with spatial data, which is useful in many fields, including urban planning, environmental analysis, cartography, retail and real estate, health, and military intelligence.

Requirements

The GIS minor requires the completion of a minimum of 18 credits, at least 9 of them at the 300 level or above taken in residence at UWM. The College of Letters & Science requires that students attain at least a 2.0 GPA on all credits in the minor attempted at UWM. In addition, students must attain a 2.0 GPA on all minor credits attempted, including any transfer work. The following are required:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 215</td>
<td>Introduction to Geographic Information Science</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 525</td>
<td>Geographic Information Science</td>
<td>4</td>
</tr>
<tr>
<td>GEOG 698</td>
<td>GIS/Cartography Internship</td>
<td>3</td>
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</table>

Select two of the following: 8

- GEOG 403 Remote Sensing: Environmental and Land Use Analysis
- GEOG 405 Cartography
- GEOG 547 Spatial Analysis
- GEOG 625 Intermediate Geographic Information Science

Total Credits 18

Contact Information

Current Students contact Associate Professor Kristin Sziarto at sziarto@uwm.edu
Prospective Students contact a Letters & Science Admissions Counselor at (414) 229-7711 or let-sci@uwm.edu

http://uwm.edu/geography/undergraduate/minor-in-gis/