The minor in Geography and GIS will expose students to a comprehensive selection of courses embracing our three broad areas of study: human geography, physical/environmental geography, and geographic information science. Students select 6 hours at the 100 level, then 3 hours each from the human, physical/environmental, and geospatial sub-disciplines (as listed below), and then 3 additional hours from any of the three sub-disciplines for a total of 18 credits. At least 6 hours total must be at the 300 or 400 level.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>Two courses selected from the following:</td>
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<tr>
<td>ATMS/GGIS 100</td>
<td>Introduction to Meteorology</td>
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<tr>
<td>GGIS 101</td>
<td>Global Development &amp; Environment</td>
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<tr>
<td>GGIS 103</td>
<td>Earth's Physical Systems</td>
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<tr>
<td>GGIS 104</td>
<td>Social and Cultural Geography</td>
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<tr>
<td>GGIS 105</td>
<td>The Digital Earth</td>
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</tr>
<tr>
<td>GGIS 106</td>
<td>Geographies of Globalization</td>
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</tr>
<tr>
<td>GGIS 221</td>
<td>Geographies of Global Conflict</td>
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<tr>
<td>One course in human geography, selected from the following:</td>
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<tr>
<td>GGIS 204</td>
<td>Cities of the World</td>
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<tr>
<td>GGIS 205</td>
<td>Business Location Decisions</td>
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<tr>
<td>GGIS 224</td>
<td>Environmental Data Science</td>
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<tr>
<td>GGIS 254</td>
<td>People, Places, and Environments of the US</td>
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<tr>
<td>GGIS 350</td>
<td>Sustainability and the City</td>
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<tr>
<td>GGIS 356</td>
<td>Sustainable Development in South Asia</td>
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</tr>
<tr>
<td>GGIS 384</td>
<td>Population Geography</td>
<td></td>
</tr>
<tr>
<td>GGIS 405</td>
<td>Geography Field Course</td>
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</tr>
<tr>
<td>GGIS 410</td>
<td>Green Development</td>
<td></td>
</tr>
<tr>
<td>GGIS 438</td>
<td>Geography of Health Care</td>
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</tr>
<tr>
<td>GGIS 455</td>
<td>Geography of Sub-Saharan Africa</td>
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<tr>
<td>GGIS 465</td>
<td>Transportation &amp; Sustainability</td>
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<tr>
<td>GGIS 466</td>
<td>Environmental Policy</td>
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<tr>
<td>GGIS 471</td>
<td>Modern Geographic Thought</td>
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<tr>
<td>GGIS 483</td>
<td>Urban Geography</td>
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<tr>
<td>GGIS 484</td>
<td>Cities, Crime, and Space</td>
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<td>One course in physical/environmental geography, selected from the following:</td>
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<tr>
<td>GGIS 210</td>
<td>Social &amp; Environmental Issues</td>
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<tr>
<td>GGIS 222</td>
<td>Big Rivers of the World</td>
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<tr>
<td>ESE 320</td>
<td>Water Planet, Water Crisis</td>
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<td>NRES/GGIS 401</td>
<td>Watershed Hydrology</td>
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<td>GGIS 406</td>
<td>Fluvial Geomorphology</td>
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<tr>
<td>GGIS 408</td>
<td>Humans and River Systems</td>
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<tr>
<td>GGIS 412</td>
<td>Geospatial Technologies &amp; Society</td>
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<tr>
<td>GGIS 459</td>
<td>Ecohydraulics</td>
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<tr>
<td>GGIS 496</td>
<td>Climate &amp; Social Vulnerability</td>
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<tr>
<td>GGIS 371</td>
<td>Spatial Analysis</td>
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<td>GGIS 379</td>
<td>Introduction to Geographic Information Systems</td>
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<td>GGIS 380</td>
<td>Geographic Information Systems II</td>
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<tr>
<td>GGIS 412</td>
<td>Geospatial Technologies &amp; Society</td>
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<td>GGIS 440</td>
<td>Business Applications of GIS</td>
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<td>PATH 439</td>
<td>Health Applications of GIS</td>
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<td>GGIS 460</td>
<td>Aerial Photo Analysis</td>
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<tr>
<td>GGIS 468</td>
<td>Biological Modeling</td>
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<tr>
<td>GGIS 473</td>
<td>Digital Cartography &amp; Map Design</td>
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<tr>
<td>GGIS 476</td>
<td>Environmental Remote Sensing</td>
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<tr>
<td>GGIS 477</td>
<td>Introduction to Remote Sensing</td>
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<td>GGIS 478</td>
<td>Techniques of Remote Sensing</td>
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<tr>
<td>GGIS 479</td>
<td>Advanced Topics in GIS</td>
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<tr>
<td>GGIS 480</td>
<td>Principles of Geographic Information Science</td>
<td></td>
</tr>
</tbody>
</table>

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For the Undergraduate Minor in Geography & GIS

Department website: https://ggis.illinois.edu/
Department faculty: Geography & GIS Faculty (https://ggis.illinois.edu/directory/faculty/)
Overview of college admissions & requirements: Liberal Arts & Sciences (http://catalog.illinois.edu/schools/las/academic-units/)
College website: https://las.illinois.edu/
Email: geography@illinois.edu

Information listed in this catalog is current as of 02/2024