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.

### Code | Title | Hours
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GGIS 101 | Global Development & Environment | 6
GGIS 103 | Earth's Physical Systems | 6
GGIS 104 | Social and Cultural Geography | 6
GGIS 106 | Geographies of Globalization | 6
GGIS 210 | Social & Environmental Issues | 6
GGIS 221 | Geographies of Global Conflict | 6
GGIS 224 | Environmental Data Science | 6
Four 200-, 300-, or 400-level GGIS courses, at least six hours of which must be at 300- or 400-level | | 12

Total Hours | 18

1. Geographic Understanding: GGIS minor students will be able to define fundamental geographical concepts for describing the interconnectedness of places and scales in human-environmental systems, including the sustainability of those systems.

2. Spatial Patterns and Processes: GGIS minor students will be able to analyze spatial patterns, distributions, processes, and connections within and among different human-environmental systems, using qualitative, quantitative, computational, and/or spatial methods of research appropriate to their level of training and their field of geographic inquiry.

3. Problem-Solving and Communication: GGIS minor students will be able to formulate and conduct geographic analyses and communicate the results in verbal, written, and visual form.