MINOR IN GEOGRAPHY

REQUIREMENTS

The following requirements must be fulfilled: 19 credits, including 7 credits in required courses and 12 credits selected from among four groups.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>GEOG 1001</td>
<td>Introduction to Human Geography</td>
<td></td>
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<tr>
<td>GEOG 1002</td>
<td>Introduction to Physical Geography</td>
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One course from each of the following groups:

Group A: Physical Geography
- GEOG 2129  Biogeography
- GEOG 2134  Energy Resources
- GEOG 2136  Water Resources
- GEOG 2137  Environmental Hazards
- GEOG 3108  Weather and Climate
- GEOG 3128  Geomorphology and Natural Hazards
- GEOG 3194  Special Topics in Physical Geography

Group B: Human Geography
- GEOG 2124  Urban Transportation
- GEOG 2125  Transportation Systems and Networks
- GEOG 2127  Population Geography
- GEOG 2133  People, Land, and Food
- GEOG 2140  Cities and Societies
- GEOG 2141  Cities in the Developing World
- GEOG 2144  Explorations in Historical Geography
- GEOG 2147  Military Geography
- GEOG 2148  Economic Geography
- GEOG 3145  Cultural Geography
- GEOG 3146  Political Geography
- GEOG 3195  Special Topics in Human Geography
- GEOG 3810  Planning Cities

Group C: Techniques
- GEOG 2104  Introduction to Cartography and GIS
- GEOG 2196  Field Methods in Geography
- GEOG 3105  Techniques of Spatial Analysis
- GEOG 3106  Intermediate Geographic Information Systems
- GEOG 3107  Introduction to Remote Sensing
- GEOG 3196  Special Topics in Techniques
- GEOG 4307  Digital Image Processing and Analysis
- GEOG 4308  Programming for Geospatial Applications I
- GEOG 4309  GIS for Emergency Management
- GEOG 4310  Geovisualization and Cartography
- GEOG 4311  Open Source Solutions for Geospatial Project Management

Group D: Nature and Society
- GEOG 1003  Society and Environment
- GEOG 2120  World Regional Geography
- GEOG 3132  Environmental Quality and Management
- GEOG 3133  Social-Ecological Systems
- GEOG 3143  Urban Sustainability
- GEOG 3154  Geography of the Middle East and North Africa
- GEOG 3161  Geography of Latin America
- GEOG 3164  The Geography of Africa
- GEOG 3165  Geography of South Asia
- GEOG 3193  Environmental Law and Policy
- GEOG 3197  Special Topics in Regional Geography
- GEOG 3218  Arctic Systems