MINOR IN GEOGRAPHIC INFORMATION SYSTEMS

REQUIREMENTS

The following requirements must be fulfilled: 18 credits, including 12 credits in required courses and 6 credits in elective courses.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Required</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GEOG 2104</td>
<td>Introduction to Cartography and GIS</td>
<td></td>
</tr>
<tr>
<td>GEOG 2105</td>
<td>Techniques of Spatial Analysis</td>
<td></td>
</tr>
<tr>
<td>GEOG 2107</td>
<td>Introduction to Remote Sensing</td>
<td></td>
</tr>
<tr>
<td>GEOG 3106</td>
<td>Intermediate Geographic Information Systems</td>
<td></td>
</tr>
<tr>
<td><strong>Electives</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>One of the following:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GEOG 3196</td>
<td>Special Topics in Techniques</td>
<td></td>
</tr>
<tr>
<td>GEOG 4307</td>
<td>Digital Image Processing and Analysis</td>
<td></td>
</tr>
<tr>
<td>GEOG 4308</td>
<td>Programming for Geospatial Applications</td>
<td></td>
</tr>
<tr>
<td>GEOG 4309</td>
<td>GIS for Emergency Management</td>
<td></td>
</tr>
<tr>
<td>GEOG 4310</td>
<td>Geovisualization and Cartography</td>
<td></td>
</tr>
<tr>
<td>GEOG 4311</td>
<td>Open Source Solutions for Geospatial Project Management</td>
<td></td>
</tr>
<tr>
<td>One 3-credit Geography (GEOG) course</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>