# GEOGRAPHIC INFORMATION SCIENCE MINOR

## Program Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Introductory Course</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Select one of the following:</td>
<td>3-4</td>
</tr>
<tr>
<td>EAES 100</td>
<td>Principles of Geography</td>
<td></td>
</tr>
<tr>
<td>EAES 101</td>
<td>Planet Earth</td>
<td></td>
</tr>
<tr>
<td>EAES 105</td>
<td>Physical Geology</td>
<td></td>
</tr>
<tr>
<td>EAES 160</td>
<td>The Human Environment</td>
<td></td>
</tr>
<tr>
<td>EAES 161</td>
<td>Human Geography</td>
<td></td>
</tr>
<tr>
<td>EAES 170</td>
<td>World Geography</td>
<td></td>
</tr>
<tr>
<td>EAES 281</td>
<td>Introduction to American Urban Studies</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Foundation Course</strong></td>
<td>3</td>
</tr>
<tr>
<td>EAES 210</td>
<td>Introduction to GIS and Remote Sensing</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Elective Courses</strong></td>
<td>9</td>
</tr>
<tr>
<td>EAES 310</td>
<td>Geographic Information Systems (GIS)</td>
<td></td>
</tr>
<tr>
<td>EAES 311</td>
<td>Fundamentals of Remote Sensing of Environment</td>
<td></td>
</tr>
<tr>
<td>EAES 391</td>
<td>Quantitative Methods in Geography and Urban Studies</td>
<td></td>
</tr>
<tr>
<td>EAES 410</td>
<td>Advanced Topics in GIScience</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Capstone Course</strong></td>
<td>3</td>
</tr>
<tr>
<td>EAES 419</td>
<td>Senior Seminar in Geographic Information Science</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Total Credits</strong></td>
<td>18-19</td>
</tr>
</tbody>
</table>