MINOR IN GEOMATICS AND SPATIAL ANALYSIS

Geomatics is a rapidly expanding branch of geography with concrete applications in areas such as health-care planning, epidemiology, criminology, defense and security, disaster management, environmental and resource monitoring, and urban planning. Geographic information systems (GIS), remote sensing and global positioning systems have also made it easier to capture, manage and visualize geographic information. From producing more efficient transit schedules to mapping disease outbreaks or assessing the seismic or health risks associated to our built environments, geomatics plays an essential role.

This program is offered in English and in French.

Program Requirements

The table below includes only discipline-specific courses. Please refer to the Academic Regulations (https://www.uottawa.ca/administration-and-governance/academic-regulation-3-program-of-studies/) for information on including a minor to your degree.

Requirements for this program have been modified. Please consult the 2015-2016 calendars (http://www.uottawa.ca/academic/info/regist/1516/calendars/) for the previous requirements.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEG 2320</td>
<td>Introduction to Geomatics</td>
<td>3</td>
</tr>
<tr>
<td>GEG 3105</td>
<td>Remote Sensing</td>
<td>3</td>
</tr>
<tr>
<td>GEG 3312</td>
<td>Advanced GIS</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>6 course units from:</td>
<td>6</td>
</tr>
<tr>
<td>GEG 2108</td>
<td>Contested Places</td>
<td></td>
</tr>
<tr>
<td>GEG 2110</td>
<td>Sustainable Cities</td>
<td></td>
</tr>
<tr>
<td>GEG 2301</td>
<td>Geomorphology</td>
<td></td>
</tr>
<tr>
<td>GEG 2304</td>
<td>Climatology</td>
<td></td>
</tr>
<tr>
<td></td>
<td>15 optional course units in geography (GEG)</td>
<td>15</td>
</tr>
</tbody>
</table>

Total: 30 Units