GEOSPATIAL TECHNOLOGIES MINOR

REQUIREMENTS

Five courses (fifteen credits with at least nine credits at 100-level or above) which must include:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>NR 025</td>
<td>Measurements &amp; Mapping</td>
</tr>
<tr>
<td>GEOG 081</td>
<td>Geotechniques</td>
</tr>
<tr>
<td>CE 010</td>
<td>Geomatics</td>
</tr>
<tr>
<td>ENSC 130</td>
<td>Global Environmental Assessment</td>
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<tr>
<td>GEOL 151/</td>
<td>Geomorphology</td>
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<tr>
<td>GEOG 144</td>
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Any one Geographic Information Systems course:

- GEOG 184 | Geog Info: Cncpts & Applic
- or NR 143 | Intro to Geog Info Systems

Any one course from Remote Sensing:

- NR 146 | Remote Sensing of Natural Res
- or GEOG 185 | Remote Sensing

Any two electives (either two from Group A or one course each from Group A and Group B):

**Group A:**
- NR 243 | GIS Practicum
- NR 245 | Integrating GIS & Statistics
- GEOG 287 | Spatial Analysis
- GEOG 281 | Adv Topic: GIS & Remote Sensing (a, Satellite Climatology/Land Surface Applications)
- GEOG 281 | Adv Topic: GIS & Remote Sensing (b, Advanced GIS Applications)
- NR 242 | Adv Geospatial Techniques

**Group B:**
- CS 021 | Computer Programming I
- CS 042 | Dynamic Data on the Web
- CS 148 | Database Design for the Web
- CS 189 | CS for Geospatial Technologies
- ENGR 002 | Graphical Communication
- CDAE 101 | Computer Aided Drafting & Design

**PRE/CO-REQUISITES**

Variable, depending on upper level courses chosen.

**OTHER INFORMATION**

Geography majors who undertake the Geospatial Technologies minor are required to complete thirty-three credits in geography and fifteen credits towards the Geospatial Technologies minor. GEOG 081 may be used to count towards both the major and the minor. However, students are still required to complete thirty-three credits of geography courses.