Geospatial Analytics (PhD)

Degree Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GIS 710</td>
<td>Geospatial Analytics for Grand Challenges</td>
<td>8</td>
</tr>
<tr>
<td>GIS 711</td>
<td>Geospatial Data Management</td>
<td>8</td>
</tr>
<tr>
<td>GIS 712</td>
<td>Environmental Earth Observation and Remote Sensing</td>
<td>4</td>
</tr>
<tr>
<td>GIS 713</td>
<td>Geospatial Data Mining</td>
<td>4</td>
</tr>
<tr>
<td>GIS 714</td>
<td>Geospatial Computation and Simulation</td>
<td>4</td>
</tr>
<tr>
<td>GIS 715</td>
<td>Geovisualization</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td><strong>Total Hours</strong></td>
<td><strong>18</strong></td>
</tr>
</tbody>
</table>

**Research / Elective Courses**

"Research / Elective Courses" are approved in conjunction with the academic committee to meet 72 total hours

<table>
<thead>
<tr>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>54</td>
</tr>
</tbody>
</table>

Total Hours **72**

Full Professors

Sankarasubramanian Arumugam
Emily Zechman Berglund
DelWayne R. Bohnenstiehl
Ryan E. Emanuel
David Brian Hill
Yu-Fai Leung
Ross Kendall Meentemeyer
Helena Mitasova
Stacy Arnold Charles Nelson
Brian J. Reich
Robert Michael Scheller
Sandra E. Yuter

Assistant Professors

Joshua Michael Gray
Anders Schmidt Huseth
Gustavo Machado
Katherine Lee Martin
Natalie Genevieve Nelson Sagues
Daniel R. Obenour
Jamian Krishna Pacifici
Jelena Vukomanovic

Practice/Research/Teaching Professors

Perver Korca Baran
Daniela Jones
Eric Shane Money
Jennifer Richmond-Bryant
Laura Gray Tateosian
Vaishnavi Thakar

Adjunct Faculty

Adam Terando

Research Associates

Georgina Sanchez Salas
Chelsey Walden-Schreiner