# Geospatial Analytics (PhD)

## Degree Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
<th>Counts towards</th>
</tr>
</thead>
<tbody>
<tr>
<td>GIS 710</td>
<td>Geospatial Analytics for Grand Challenges</td>
<td>18</td>
<td>Required Courses</td>
</tr>
<tr>
<td>GIS 711</td>
<td>Geospatial Data Management</td>
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<td>GIS 712</td>
<td>Environmental Earth Observation and Remote Sensing</td>
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<td>GIS 713</td>
<td>Geospatial Data Mining</td>
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<tr>
<td>GIS 714</td>
<td>Geospatial Computation and Simulation</td>
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<tr>
<td>GIS 715</td>
<td>Geovisualization</td>
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**Research / Elective Courses**  
“Research / Elective Courses” are approved in conjunction with the academic committee to meet 72 total hours.

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

**Total Hours**  
72

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## Full Professors

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

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## Assistant Professors

- Caren Beth Cooper
- Bethany Brooke Cutts
- James Aaron Hipp
- Christopher Lee Osburn
- William Michael Rand
- Mirela Gabriela Tulbure
- Ranga Raju Vatsavai
- Benjamin Allen Watson
- Karl William Wegmann

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## Practice/Research/Teaching Professors

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

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## Adjunct Faculty

- Adam J. Terando

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## Research Associates

- Georgina Sanchez Salas
- Lindsey Smart