# Geospatial Analytics (PhD)

## Degree Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
<th>Counts towards</th>
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<tbody>
<tr>
<td></td>
<td><strong>Required Courses</strong></td>
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<tr>
<td>GIS 710</td>
<td>Geospatial Analytics for Grand Challenges</td>
<td>3</td>
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<td>GIS 711</td>
<td>Geospatial Data Management</td>
<td>3</td>
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<tr>
<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>
<td>3</td>
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<td>GIS 715</td>
<td>Geovisualization</td>
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<td><strong>Research / Elective Courses</strong></td>
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<td>“Research / Elective Courses” are approved in conjunction with the</td>
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<td>academic committee to meet 72 total hours</td>
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<tr>
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<td><strong>Total Hours</strong></td>
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</table>

## 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 Ojambo
- Brian J. Reich
- Robert Michael Scheller
- Sandra E. Yuter

## Assistant Professors

- Eleni Bardaka
- Eric Charles Edwards
- Joshua Michael Gray
- Anders Schmidt Huseth
- Gustavo Machado
- Katherine Lee Martin
- Ashly Margot Cabas Mijares
- Natalie Genevieve Nelson Sagues
- Daniel R. Obenour
- Jamian Krishna Pacifici
- Jelena Vukomanovic
- Elsa Youngsteadt

## Practice/Research/Teaching Professors

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

## Associate Professors

- Justin Scott Baker

## Adjunct Faculty

- Adam J. Terando
Research Associates
Georgina Sanchez Salas

Instructors
Vaclav Petras
Anna Petrasova