# 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>3</td>
<td></td>
</tr>
</tbody>
</table>

### Additional Core Courses (Choose 3)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>GIS 712</td>
<td>Environmental Earth Observation and Remote Sensing</td>
</tr>
<tr>
<td>GIS 713</td>
<td>Geospatial Data Mining</td>
</tr>
<tr>
<td>GIS 714</td>
<td>Geospatial Computation and Simulation</td>
</tr>
<tr>
<td>GIS 715</td>
<td>Geovisualization</td>
</tr>
</tbody>
</table>

### Elective Courses

Electives can be chosen from any 500-level course or above with approval from the student's advisor. See Graduate Services Coordinator for suggested courses.

### Remaining Credit Hours

Remaining credit hours are a combination of research hours (GIS 895) and additional electives with approval from the student's advisor to meet 72 total hours.

### Total Hours

72

## 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

## Associate Professors

Justin Scott Baker  
Caren Beth Cooper  
Bethany Brooke Cutts  
James Aaron Hipp  
Christopher Lee Osburn  
William Michael Rand  
Marcelo Luise Ardon Sayao  
Mirela Gabriela Tulbure  
Ranga Raju Vatsavai  
Benjamin Allen Watson  
Karl William Wegmann

## 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
Adjunct Faculty
Adam J. Terando

Researchers
Georgina Sanchez Salas
Chris Jones

Instructors
Vaclav Petras
Anna Petrasova