GEOGRAPHY, PH.D.

The Ph.D. in Geography is an innovative program centered on the research-oriented application of geographical concepts and theories to the solving of real-world problems. The program requires 45-54 credit hours.

Degree Program Requirements

Required: 45-54 credit hours

At least 27 of the 33 credits in required core and cluster courses (excluding dissertation) must be at the 600 level or higher. Up to 9 credits of course work may be transferred from another institution on approval of the department.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GES 701</td>
<td>History of Geographic Thought</td>
<td>3</td>
</tr>
<tr>
<td>GES 702</td>
<td>Research Design</td>
<td>3</td>
</tr>
<tr>
<td>GES 720</td>
<td>Advanced Spatial Analysis</td>
<td>3</td>
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</tbody>
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Courses Required from Geography Clusters (24 credits)
Select 24 credits from courses in the three geography clusters in the program.

Dissertation (12-21 credits)
GES 799 | Doctoral Dissertation Research             | 12-21        |

Total Credit Hours
45-54

* These three clusters are:
  - Geographic Information Sciences
  - Human Geography
  - Physical Geography

Students are required to complete two courses in each of the three clusters and an additional two courses related to the dissertation research cluster.

Formal Reviews and Examinations

- Diagnostic exam
- Approval of doctoral plan of study
- Comprehensive preliminary examination (taken after the completion of 33 credits of course work)
- Dissertation proposal approval
- Public dissertation defense