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.

For information regarding deadlines and requirements for admission, please see the Guide to Graduate Admissions.

In addition to the application materials required by The Graduate School, applicants must submit a 250-500 word personal statement.

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>
</tr>
</tbody>
</table>

**Courses Required from Geography Clusters (24 credits)**

Select 24 credits from courses in the three geography clusters in the program

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GES 799</td>
<td>Doctoral Dissertation Research</td>
<td>12-21</td>
</tr>
</tbody>
</table>

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