## Requirements for Students Matriculating in or before Academic Year 2019-2020

Learn more about Graduate College Academic Regulation 7.0 ([http://catalog.okstate.edu/graduate-college](http://catalog.okstate.edu/graduate-college)).

**Total Hours:** 30 Hours

<table>
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<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>GEOG 5001</td>
<td>Professional Development in Geography</td>
<td>1</td>
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<tr>
<td>GEOG 5303</td>
<td>Geographic Analysis I</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 5403</td>
<td>Current Geographic Research</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 5413</td>
<td>History and Philosophy of Geography</td>
<td>3</td>
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**Hours Subtotal:** 10

### Required Seminars

**Group I Seminar (Human)**

Select 3 hours from the following:

- GEOG 5140 Seminar in Cultural Geography
- GEOG 5150 Geography of Sport, Recreation and Leisure Seminar
- GEOG 5443 Sustainable Tourism and Geography
- GEOG 6110 Seminar in Cultural and Political Ecology
- GEOG 6120 Seminar in Urban Geography
- GEOG 6130 Seminar in Political Geography
- GEOG 6180 Seminar in Transportation Geography
- GEOG 6210 Seminar in Historical Geography

**Group II Seminar (Physical)**

Select 3 hours from the following:

- GEOG 5023 Geography of Arid Lands
- GEOG 5063 Geoarchaeology and Environmental History
- GEOG 5073 Climate Change: Past, Present and Future
- GEOG 5083 Geography of Grass-Dominated Ecosystems
- GEOG 5113 Landscape Ecology
- GEOG 5123 International Resource Management
- GEOG 5163 Resource Management in the National Parks
- GEOG 5233 Human Dimensions of Global Environmental Change
- GEOG 6013 Seminar in Quaternary Paleoecology
- GEOG 6110 Seminar in Cultural and Political Ecology

**Hours Subtotal:** 6

### Electives

Select 8 hours

**Hours Subtotal:** 8

### Thesis Hours

<table>
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<td>GEOG 5000</td>
<td>Thesis</td>
<td>6</td>
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**Hours Subtotal:** 6

**Total Hours:** 30

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*GEOG 6110 cannot satisfy both Group I and Group II requirements simultaneously.*