## REQUIREMENTS FOR THE MASTER OF ARTS
### COLLEGE OF ATMOSPHERIC AND GEOGRAPHIC SCIENCES
#### THE UNIVERSITY OF OKLAHOMA

### GENERAL REQUIREMENTS

| Minimum Total Hours (Thesis) | 30 |
| Minimum Total Hours (Non-Thesis) | 33 |

### REQUIRED COURSES

**REQUIRED COURSES (9 hours):**
*These three courses must be completed with a B grade or better.*

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 6953</td>
<td>Research Methods in Geography</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 6973</td>
<td>Contemporary Geographic Thought</td>
<td>3</td>
</tr>
<tr>
<td>GIS 5923</td>
<td>Spatial Statistics</td>
<td>3</td>
</tr>
</tbody>
</table>

**GUIDED ELECTIVES (15 hours):**
*Thesis students must take 6 hours of GEOG 5980, Research for Master's Thesis, which will apply towards the guided elective hours.*

Guided electives will be selected by the student under guidance of her/his advisory committee and as approved by the graduate liaison.

Examples of possible guided electives include:

- GEOG 5143 Ecosystem Services
- GEOG 5203 Geomorphology
- GEOG 5253 The Economics of Sustainability
- GEOG 5283 Biogeography
- GEOG 5293 Hydrologic Science
- GEOG 5343 Climate, History & Society
- GEOG 5433 Sustainability: Theory & Practice
- GEOG 5513 Applied Climatology
- GEOG 5583 Renewable Energy Resources
- GEOG 5623 Seminar in GIS Design
- GEOG 5970 Integrated Environmental Modelling
- GEOG 5970 Natural Resource Economics
- GEOG 6210 Seminar in Physical Geography
- GEOG 6240 Seminar in Resource & Environmental Geography
- GIS 5013 Fundamentals of GIS
- GIS 5133 Fundamentals of Remote Sensing
- GIS 5233 Digital Image Processing
- GIS 5253 GIS Applications
- GIS 5453 Advanced GIS & Spatial Analysis
- GIS 5653 Spatial Programming & GIS

**GENERAL ELECTIVES (6-9 hours):**
Graduate-level electives, as approved by the advisory committee and graduate liaison, to bring total applicable hours to 30 (Thesis option) or 33 (Non-Thesis option).

6-9

### Notes

- The master’s degree requires the equivalent of at least two semesters of satisfactory graduate work and additional work as may be prescribed for the degree.
- All coursework applied to the master’s degree must carry graduate credit.
- Master’s degree programs which require a thesis consist of at least 30 credit hours. All non-thesis master’s degree programs require at least 32 credit hours.
- Credit transferred from other institutions must meet specific criteria and is subject to certain limitations.
- Courses completed through correspondence study may not be applied to the master’s degree.
- To qualify for a graduate degree, students must achieve an overall grade point average of 3.0 or higher in the degree program coursework and in all resident graduate coursework attempted. A student must also have at least a 3.0 in all coursework (including undergraduate coursework if any).

A student who has done satisfactory graduate work and has earned a 3.0 grade point average may file for master’s candidacy.

Program effective SU16, check sheet version 2/2016