

**MGIS – Non-Thesis Option**

The 30-hour, Master of Geographic Information Systems (MGIS) degree (non-thesis option) is configured as outlined below:

<b>Required Courses (21 credit hours)</b>	<b>Dates Completed</b>
____ GEOG 5310 Geographic Information Systems	_____
____ GEOG 5315 Mapping Fundamentals for GIS	_____
____ GEOG 5340 Fundamentals of Database Design and Development	_____
____ GEOG 5345 Digital Image Processing for GIS	_____
____ GEOG 6320 Technical Issues in GIS	_____
____ GEOG 6328 Spatial Analysis and Modeling	_____
____ GEOG 6380 GIS Research Methodology	_____
<b>Elective Courses (9 credit hours)</b>	
____ GEOG 5312 Health Applications of GIS	_____
____ GEOG 6330 Environmental Applications of GIS	_____
____ GEOG 6333 GIS for Planning and Public Administration	_____
____ GEOG 6370 Advanced GIS	_____
____ GEOG 6V60 Directed Readings in GIS (3 credit hours total)	_____
____ GEOG 6V70 Directed Research in GIS (3 credit hours total)	_____

**Graduate Portfolio**

Upon completion of their coursework, students must submit to their academic adviser a portfolio of sample work from their MGIS courses. The Graduate Portfolio shall consist of work from the following courses:

- \_\_\_\_ GEOG 5315 Mapping Fundamentals for GIS
  - \_\_\_\_ GEOG 5340 Fundamentals of Database Design and Development
  - \_\_\_\_ GEOG 6328: Spatial Analysis and Modeling
- plus sample work from two elective courses

The portfolio will be reviewed by a committee of all faculty within the MGIS program who will determine whether the portfolio passes or fails.