

# MINOR IN GEOGRAPHIC INFORMATION SYSTEMS

## REQUIREMENTS

The following requirements must be fulfilled:

18 credits, including 12 credits in required courses and 6 credits in elective courses (3-credits in one of the techniques courses listed below and 3-credits in any GEOG course not on that list).

| Code  | Title   | Credits |
|---|---|---------|
| <b>Required</b>   |   |         |
| GEOG 2104   | Introduction to Cartography and GIS                     |         |
| GEOG 3105   | Techniques of Spatial Analysis                          |         |
| GEOG 3106   | Intermediate Geographic Information Systems             |         |
| GEOG 3107   | Introduction to Remote Sensing                          |         |
| <b>Electives</b>  |   |         |
| One 3-credit techniques course selected from the following: |   |         |
| GEOG 3196   | Special Topics in Techniques                            |         |
| GEOG 4307   | Digital Image Processing and Analysis                   |         |
| GEOG 4308   | Programming for Geospatial Applications I               |         |
| GEOG 4309   | GIS for Emergency Management                            |         |
| GEOG 4310   | Geovisualization and Cartography                        |         |
| GEOG 4311   | Open Source Solutions for Geospatial Project Management |         |
| One 3-credit GEOG course not listed above.                  |   |         |