**Geographic Information Science**

**Minor Requirements**

**Core: Complete FOUR courses Term Typically Offered**

\_\_\_ GEOG 222 Working with Numeric, Spatial and Visual Data Fall

\_\_\_ GEOG/ENVS/GEN/GEOS/GIST/WSM 330 Intro. to Remote Sensing Fall

\_\_\_ GEOG/RNR 416A (RNR) Computer Cartography Fall

\_\_\_ GEOG/GIST/RNR 417 Geographic Information Systems Fall and Spring

\_\_\_ GEOG/GIST/PLG 457 Statistical Techniques in Geography, Offered Occasionally

Regional Development and Planning

**GIS Electives: Complete TWO courses P = prerequisite**

\_\_\_ GEOG 357 Geographical Research Methods Fall and Spring

\_\_\_ GEOG/RNR 416C Urban Geographic Information Systems (P 417) Fall

\_\_\_ GEOG/RNR 416D Participatory Approaches in GIS (P 417) Offered Occasionally

\_\_\_ GEOG/GIST/RNR 416E Geovisualization (GIS) (P 416A, 417) Spring

\_\_\_ GEOG/RNR 416F GIS for Social Sciences Fall

\_\_\_ GEOG/RNR 419 Cartographic Modeling (P 417) Spring

\_\_\_ GEOG/GIST/RNR 420 Advanced Geog. Information Systems (P 417) Spring

\_\_\_ GEOG 424 Integrated GIS (P 417) Spring

\_\_\_ RNR/GEOG/GIST 482 Integrated Geospatial Technologies (P 330, 417) Spring

\_\_\_ GEOG/GIST/ENVS/PLG/RNR 483 Geog.l App of Remote Sensing (P 330) Spring

\_\_\_ ATMO/GEOG/GEN/GEOS/HWSR/OPTI/REM/RNR 490 Fall

Remote Sensing for the Study of Planet Earth (P 330, 417)

18 units required in the minor. At least 9 units must be upper division. Minimum 2.00 GPA required.