**GEOGRAPHY MAJOR**

**GEOGRAPHIC INFORMATION SCIENCE & TECHNOLOGY (GIS&T) CONCENTRATION**

Student Name: ____________________________  Student ID: __________________________

Advisor Initials: ___  Date: __/__/20___  Catalog year: 2011-2012  STAR report accessed? ___

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For a class to count toward a student’s major, the student must earn a grade of C- or better in that class.

Total classes taken must be sufficient to total 128 credits, including 48 upper-division credits.

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### DEPARTMENTAL REQUIREMENTS (46-47 CREDITS)

#### All of the Following Courses (28 Credits)

- GEOG 111G, Geography of the Natural Environment ........................................... 4
- GEOG 112G, World Regional Geography, OR GEOG 120G, Culture and Environment .................................................. 3
- GEOG 281, Map Use and Analysis ........................................................................... 3
- GEOG 373, Introduction to Remote Sensing ............................................................ 4
- GEOG 381, Cartography and Geographic Information Systems ................................ 4
- GEOG 382, Aerial Photo Interpretation ................................................................. 3
- GEOG 481, Fundamentals of Geographic Information Systems ............................ 4
- GEOG 482, Geodatabase Design ............................................................................ 3

#### Two of the Following Courses (6-7 Credits)

- GEOG 441, GIS Design ....................................................................................... 3
- GEOG 473, Advanced Remote Sensing .................................................................. 4
- GEOG 492, GIS Applications and Modeling .......................................................... 3
- GEOG 487, Geographic Information Science and Technology Capstone ............. 3

#### Three of the Following Courses, Including Two in Human Geography (HG) and One Physical Geography (PG), OR One in Human Geography (HG) and Two in Physical Geography (PG) (9 Credits)

- GEOG 361V, Economic Geography (HG) ............................................................ 3
- GEOG 363V, Cultural Geography (HG) ............................................................... 3
- GEOG 365V, Urban Geography (HG) .................................................................. 3
- GEOG 467, Transportation Geography (HG) ...................................................... 3
- GEOG 351, Biogeography (PG) .......................................................................... 3
- GEOG 357, Climatology (PG) ........................................................................... 3
- GEOG 353, Geomorphology (PG) ...................................................................... 3
- GEOG 452, Landscape Ecology (PG) ................................................................ 3

#### One of the Following Regional Geography Courses (3 Credits)

- GEOG 325V, New Mexico and the American West ............................................. 3
- GEOG 326, U.S National Parks .......................................................................... 3
- GEOG 328V, Geography of Latin America .......................................................... 3
- GEOG 331V, Europe ......................................................................................... 3
- GEOG 483, Field Explorations in Geography ..................................................... 3

#### Non-Departmental Requirements (9 Credits)

- ENGL 218G, Technical and Scientific Communication, OR ENGL 318G, Advanced Technical and Scientific Communication ........................................... 3
- MATH 120, Intermediate Algebra ....................................................................... 3

#### Second Language Requirement (3-6 Credits)

Option 1: 112 (non-native speakers; may require 111 as a prerequisite), OR 113 (native speakers) ........ 3
Option 2: Six additional upper division credits in Geography beyond the major requirements .......... 6