



GEOGRAPHY MAJOR

GEOGRAPHIC INFORMATION SCIENCE & TECHNOLOGY (GIS&T) CONCENTRATION



Student Name: _____ **Student ID:** _____
Advisor Initials: ___ **Date:** ___/___/20___ **Catalog year:** 2011-2012 **STAR report accessed?** ___

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.

DEPARTMENTAL REQUIREMENTS (46-47 CREDITS)

ALL of the Following Courses (28 Credits)

| | | | |
|-----------------------------------------------------------------------------------------|---|--------------------------|-----|
| GEOG 111G, Geography of the Natural Environment | 4 | <input type="checkbox"/> | ___ |
| GEOG 112G, World Regional Geography, <u>OR</u> GEOG 120G, Culture and Environment | 3 | <input type="checkbox"/> | ___ |
| GEOG 281, Map Use and Analysis | 3 | <input type="checkbox"/> | ___ |
| GEOG 373, Introduction to Remote Sensing | 4 | <input type="checkbox"/> | ___ |
| GEOG 381, Cartography and Geographic Information Systems | 4 | <input type="checkbox"/> | ___ |
| GEOG 382, Aerial Photo Interpretation | 3 | <input type="checkbox"/> | ___ |
| GEOG 481, Fundamentals of Geographic Information Systems | 4 | <input type="checkbox"/> | ___ |
| GEOG 482, Geodatabase Design | 3 | <input type="checkbox"/> | ___ |

Two of the Following Courses (6-7 Credits)

| | | | |
|------------------------------------------------------------------------|---|--------------------------|-----|
| GEOG 441, GIS Design | 3 | <input type="checkbox"/> | ___ |
| GEOG 473, Advanced Remote Sensing | 4 | <input type="checkbox"/> | ___ |
| GEOG 492, GIS Applications and Modeling | 3 | <input type="checkbox"/> | ___ |
| GEOG 487, Geographic Information Science and Technology Capstone | 3 | <input type="checkbox"/> | ___ |

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 | <input type="checkbox"/> | ___ |
| GEOG 363V, Cultural Geography (HG)..... | 3 | <input type="checkbox"/> | ___ |
| GEOG 365V, Urban Geography (HG)..... | 3 | <input type="checkbox"/> | ___ |
| GEOG 467, Transportation Geography (HG) | 3 | <input type="checkbox"/> | ___ |
| GEOG 351, Biogeography (PG) | 3 | <input type="checkbox"/> | ___ |
| GEOG 357, Climatology (PG)..... | 3 | <input type="checkbox"/> | ___ |
| GEOG 353, Geomorphology (PG)..... | 3 | <input type="checkbox"/> | ___ |
| GEOG 452, Landscape Ecology (PG)..... | 3 | <input type="checkbox"/> | ___ |

ONE of the Following Regional Geography Courses (3 Credits)

| | | | |
|---------------------------------------------------|---|--------------------------|-----|
| GEOG 325V, New Mexico and the American West | 3 | <input type="checkbox"/> | ___ |
| GEOG 326, U.S National Parks | 3 | <input type="checkbox"/> | ___ |
| GEOG 328V, Geography of Latin America | 3 | <input type="checkbox"/> | ___ |
| GEOG 331V, Europe | 3 | <input type="checkbox"/> | ___ |
| GEOG 483, Field Explorations in Geography | 3 | <input type="checkbox"/> | ___ |

NON-DEPARTMENTAL REQUIREMENTS (9 Credits)

| | | | |
|-------------------------------------------------------------------------------------------------------------------------------|---|--------------------------|-----|
| ENGL 218G, Technical and Scientific Communication, <u>OR</u> ENGL 318G, Advanced Technical and Scientific Communication | 3 | <input type="checkbox"/> | ___ |
| A ST 311, Statistical Applications, <u>OR</u> STAT / A ST 251G, Statistics for the Behavioral Sciences | 3 | <input type="checkbox"/> | ___ |
| MATH 120, Intermediate Algebra | 3 | <input type="checkbox"/> | ___ |

Second Language Requirement (3-6 Credits)

| | | | |
|---------------------------------------------------------------------------------------------------------------|---|--------------------------|-----|
| Option 1: 112 (non-native speakers; may require 111 as a prerequisite), <u>OR</u> 113 (native speakers) | 3 | <input type="checkbox"/> | ___ |
| Option 2: Six additional upper division credits in Geography beyond the major requirements | 6 | <input type="checkbox"/> | ___ |