

GEOGRAPHY DEPARTMENT
Geography Major -- Technical Concentration
2008-2009 Catalog

BS Requirements (6-8 Hours)

(in addition to general education requirements)

_____ ()
 _____ ()

Chosen from MATH (except Math 325), ITEC, STAT, and Science.

BA Requirements

(6-12 hours of one foreign language)

_____ ()
 _____ ()
 _____ ()
 _____ ()

Required Core Courses (28 Hours)

- | | | |
|----------|---|-----------|
| GEOG 101 | European and the Americas | |
| | OR | |
| GEOG 102 | Africa and Asia (World Geography) | _____ (3) |
| GEOG 103 | Introduction to Human Geography | _____ (3) |
| GEOG 125 | Introduction to Geospatial Data <i>Prerequisite: 3 hours of Geography</i> | _____ (3) |
| GEOG 130 | Physical Geography | _____ (3) |
| GEOG 211 | Perspectives in Geography <i>Prerequisite: Declared major in Geography</i> | _____ (3) |
| GEOG 250 | Introduction to GIS <i>Prerequisite: Basic knowledge of internet usage</i> | _____ (3) |
| GEOG 270 | Fundamentals of Cartography <i>Prerequisite: GEOG 125, GEOG 250</i> | _____ (4) |
| GEOG 490 | Field Research Methods | _____ (3) |
| GEOG 496 | Senior Capstone | _____ (3) |

Required Technical Coursework (13 Hours)

- | | | |
|-----------|---|-----------|
| GEOG 315 | Intermediate GIS Concepts <i>Prerequisite: GEOG 250</i> | _____ (3) |
| GEOG 410 | Advanced GIS <i>Prerequisite: GEOG 125, 250</i> | _____ (3) |
| GEOG 425 | Digital Image Processing <i>Prerequisite: MATH 137, GEOG 130 (or GEOL 105), and GEOG 125</i> | _____ (4) |
| GEOG 480* | Seminar | |
| | OR | |
| GEOG 498* | Independent Study <i>*must be in an area of applied GIS</i> | _____ (3) |

Required Courses Outside Geography:

- | | | |
|----------|----------------------|-----------|
| ENGL 306 | Professional Writing | _____ (3) |
|----------|----------------------|-----------|

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 continued

Electives (to meet 120 minimum credit hours to graduate):

| Course | Grade | Credits | Course | Grade | Credits |
|--------|-------|---------|--------|-------|---------|
| _____ | _____ | _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ | _____ | _____ |

Overall GPA (2.0): _____ Major GPA (2.3): _____

General Education (50): _____
 BS/BA (6-12): _____
 GEOG/technical concentration hours (41): _____
 Electives: _____
 Total Hours (120): _____