## General Studies

- Major courses: 65
- Electives: 22
- Total to graduate (min. 40 hrs upper-division): 120 min

This sheet applies to the 2012-13 catalog only. It does not replace the full catalog or departmental advising sheets as official statements of requirements. Students with declared majors must work with a faculty advisor on course selection and sequencing to ensure a timely graduation.

### MAJOR CORE COURSES (Please see a Faculty Advisor)

**Students must receive a C or better in all courses.**

- GEG 1220 (2 hrs) Map Use
- GEG 1610 (1 hr) Introduction to Planning
- GEL 1010 (4 hrs) Physical Geology
- GEG 1100 (3 hrs) Introduction to Physical Geography
- GEG 1200 (3 hrs) Internship in Land Use
- GEG 1010 (3 hrs) Internship in Geology
- GIS 2250 (3 hrs) Introduction to GIS
- MTH 1210 (4 hrs) Introduction to Statistics

### Geographic Information Systems (GIS) Concentration:

**Students must complete each course with a grade of "C" or better. The course cannot be taken pass/fail.**

- GEG 3610 - Principles of Land Use Planning
- GIS 2710 - Global Positioning Systems
- GIS 3250 - Cartography
- GIS 4840 - Remote Sensing
- GIS 4850 - Spatial Modeling in Raster
- GIS 4860 - GIS Applications
- GIS 4870 - Spatial Databases
- GIS 4890 - Advanced GIS Project
- GIS 4880 - Current Topics in GIS: Variable Topics
- MTH 3240 - Environmental Statistics
- CSS 1247 - Introduction to Programming: Visual Basic

Select from the following to a total of 46 hrs.

- GIS 4880 - Current Topics in GIS: Variable Topics
- MTH 3240 - Environmental Statistics
- CSS 1247 - Introduction to Programming: Visual Basic

Because GIS is an application tool, students are required to specialize in an area of interest. A student can select one of the following interest areas (Environment, Meteorology, Planning, Resources) or design one with the approval of a department advisor or select a minor in Computer Science (School of Letters, Arts and Sciences); Computer Information Sciences, General Business, International Business, Marketing (School of Business), or Criminal Justice and Criminology (School of Professional Studies).

### Areas of Interest

- Environment (19 hrs, See Catalog for approved courses)
- Meteorology (19 hrs, See Catalog for approved courses)
- Planning (19 hrs, See Catalog for approved courses)
- Resources (19 hrs, See Catalog for approved courses)
- Surveying and Mapping (19 hrs, See Catalog for approved courses)

### TO BE COMPLETED WITHIN FIRST 30 COLLEGE-LEVEL CREDIT HOURS

#### Written Communication

- ENG 1010 (3 hrs.) Freshman English: The Essay*
- ENG 1008/1009 (6 hrs.) Freshman Comp: The Essay Part I & II*
- ENG 1020 (3 hrs.) Freshman English: Anal.,Rsrch.& Docum.

(tobe completed within 45 college-level credit hours)

#### Quantitative Literacy*

- (3 hrs.)

#### Oral Communication*

- (3 hrs.)

#### Arts and Humanities

- (3 hrs.)
- (3 hrs.)

#### Historical

- (3 hrs.)

#### Natural and Physical Sciences

- (3 hrs.)
- (3 hrs.)

#### Social and Behavioral Sciences I

- (3 hrs.)

#### Social and Behavioral Sciences II

- (3 hrs.)

#### Global Diversity

- (3 hrs.) may be satisfied within General Studies

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