This sheet applies to the 2010-2011 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.

**General Studies**
- 33 min

**Major courses**
- 65

**Electives**
- 22

**Total to graduate (min. 40 hrs upper division)**
- 120 min

Students who have reached junior standing (60 hrs) should request a CAPP (graduation compliance report) and review it with a faculty advisor.

### GENERAL STUDIES

**Composition**
- ENG1010-3 Freshman Comp: the Essay
- ENG1020-3 Freshman Comp: Anal., Rsrch & Docum.

**Mathematics**
- -3

**Communications**
- -3

**Historical**
- -3

**Arts & Letters**
- -3
- -3

**Social Sciences** (see faculty advisor)
- -3
- -3

**Natural Sciences** (see faculty advisor)
- -3
- -3

**Multicultural Requirement** *(may be satisfied within General Studies, major, minor or electives)*
- -3

### REQUIRED CORE

- GEG 1220-2 Map Use
- GEG 1610-1 Introduction to Planning
- GEG 4950-2 Internship in Land Use
- or GEL 4950-2 Internship in Geology
- or ENV 4950-2-15 Internship in Environmental Science
- GEL 1010-4 Physical Geology
- GIS 2250-3 Introduction to Geographic Information Systems
- MTH 1210-4 Introduction to Statistics

### MAJOR COURSES

- ENV 4000-3 Environmental Geology
- ENV 4010-3 Environmental Hazards and GIS
- ENV 4970-3 Environmental Field Studies (Sr. Experience)
- GEL 1030-4 Historical Geology
- GEL 3050-4 Mineralogy & Petrology
- GEL 3060-4 Stratigraphy and Structure
- GEL 3120-4 Advanced Geomorphology
- GEL 3150-3 Hydrogeology
- GEL 3420-4 Soil Resources
- GEL 3440-4 Energy and Mineral Resources
- GEL 4150-3 Hydrology
- GIS 4860-3 Applications of ARC/INFO to Natural Resources Mgt

### ELECTIVES
- Select a minimum of 7 hrs in consultation with a faculty advisor:
  - ENV 1400-3
  - GEL 3510-1
  - ENV 3400-3
  - GEL 3520-2
  - ENV 3540-2
  - GEL 3530-2
  - GEL 1020-3
  - GEL 3550-2
  - GEL 1150-3
  - GIS 4850-3 (recommended)