### B.S. GEOGRAPHY: URBAN AND ENVIRONMENTAL PLANNING EMPHASIS 2011-2012

Geography Careers Website: [http://www.geog.byu.edu/](http://www.geog.byu.edu/)

**Course #** | **Course Title** | **Credit Hrs.** | **Grade** | **Sem/Yr**
---|---|---|---|---
I. COMPLETE THE FOLLOWING COURSES:
100 | The Geographic Approach | 1.0 | | |
101 | Global Environment: Understanding Physical Geog. | 3.0 | | |
110* | Landscapes of Disaster: An Introduction to Natural Hazards | 3.0 | | |
120* | Geography and World Affairs | 3.0 | | |
130* | Introduction to Human Geography | 3.0 | | |
211 | Map Use and Interpretation | 4.0 | | |
212 | Introduction to Geographic Information Systems | 3.0 | | |
222* | Statistics for Geographers I | 3.0 | | |
322 | Statistics for Geographers II (prereq: Geog 100, 222) | 3.0 | | |
II. COMPLETE THE FOLLOWING PLANNING CORE COURSES:
250 | United States and Canada | 3.0 | | |
306 | Public Land Conservation (prereq: Geog 100 and 101; or instructor’s consent) | 3.0 | | |
310 | Principles of Land Use Planning (prereq: Geog 100 or instructor’s consent) | 3.0 | | |
336 | Geography of Urban Environment (prereq: Geog 100 or instructor’s consent) | 3.0 | | |
346 | Population Geography (prereq: Geog 100 or instructor’s consent) | 3.0 | | |
410 | Practices of Land Use Planning (prereq: Geog 310) | 3.0 | | |

IV. COMPLETE ONE ELECTIVE COURSE FROM GEOG 303, 304, 305, 311, 312, 313, 412.

V. COMPLETE ONE PROFESSIONAL EXPERIENCE COURSE (3 HOURS REQUIRED) FROM: GEOG 399R, 495R.

VI. COMPLETE EXIT ASSESSMENT AND EXIT INTERVIEW DURING FALL SEMESTER, NO LATER THAN ONE MONTH BEFORE GRADUATION.

**TOTAL MAJOR HOURS:** 56.0-60.0

- Students who plan no formal education beyond the bachelor’s degree should take other courses that will enhance their employment opportunities. Consult a faculty advisor or your academic advisor for suggested minors, majors, and skills.
- Students are encouraged to take Student Development courses related to career planning in their junior or senior year.
- *These classes fill both University Core and Major Requirements.*
III. Complete THREE advanced planning courses from the following:

- GEOG 307 Landscape Ecology (prereq: Geog 100 and 101; or instructor’s consent)
- 414 Applied Urban Environmental Modeling (prereq: Geog 212, 213, 313)
- 421R Comprehensive Planning (prereq: Geog 100, 410)
- 422 Principles of Urban Design (prereq: Geog 100, 410)
- 423 Planning for Unique & Sensitive Lands (prereq: Geog 100, 410)
- 424 Urban Transportation Planning (prereq: Geog 410)
- 510 Adv. Urban Dynamics & Planning (prereq: Geog 410)

IV. Complete ONE elective from the following:

- GEOG 303 Biogeography (prereq: Geog 100 and 101; or instructor’s consent)
- 304 Geography of Climates (prereq: Geog 100 and 101; or instructor’s consent)
- 305 Geography of Landforms (prereq: Geog 100 and 101; or instructor’s consent)
- 311 Geographic Data Management (prereq: Geog 100, 211, 212)
- 312 Cartographic Design (prereq: Geog 100, 211, 212)
- 313 Remote Sensing 1 (prereq: Geog 100, 211, 212)
- 412 Problem Solving with GIS (prereq: Geog 100, 212, 222)

V. Complete ONE Professional Experience course (3 hours required) from the following:

- GEOG 399R Academic Internship (prereq: Geog 100)
- 495R Mentored Research

For course availability please see MyMAP, the class schedule online, or contact the department.