Urban and Regional Planning

Geography Major Concentration, Bachelor of Science Degree

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For all faculty office locations, phone numbers, e-mail addresses, and office hours, as well as information about Geography Department people, programs, courses and activities, check the Texas State Geography Web Site at [www.geo.txstate.edu](http://www.geo.txstate.edu) and bulletin boards on ELA 1st and 3rd floors.

**Major Concentration Description:** Planning is a diverse profession, which draws upon fields of knowledge and technical skills closely related to geography. Urban and Regional Planning provides the means to evaluate and facilitate programs that benefit our neighborhoods, communities, cities, and regions. Population growth, economic development, transportation, education, public services, and the environment are a few of the essential factors evaluated by planners. Many of our graduates are employed as planners in Texas, as well as within other states and countries. Others have continued in graduate studies at Texas State or in other programs at the University of Texas or Texas A&M, as well as universities outside Texas. Check [http://www.geo.txstate.edu](http://www.geo.txstate.edu) for more information.

**Degree/Major Requirements**

1. Students majoring in Urban and Regional Planning complete the Bachelor of Science (B.S.) degree.  
2. The B.S. degree requires a minimum of 36 semester hours of Geography  
3. This degree requires at least a 2.5 GPA for geography courses attempted at Texas State University and at least a 2.25 GPA for all courses taken at Texas State University.  
4. The degree requires a minor area of study with a minimum of 18 semester hours.  
5. Texas State requires a minimum of 120 semester hours of coursework to graduate including: a) General Education Core requirements; b) major requirements; c) minor requirements; and d) Additional elective courses selected from disciplines other than major or minor.  
6. At least 36 semester hours must be advanced (3000 – 4000) level courses.  
7. At least 9 semester hours must be writing intensive (WI).

**Minor Requirements:** Minor may be any approved Texas State minor. Students interested in entering the professional planning field are strongly advised however, to consider a minor in either Public Administration through the Department of Political Science, a minor in Business Administration, or a minor in Construction Technology through the Department of Technology. A Public Administration minor will assist the planning student in understanding the workings of the municipal government - where most land use planning decisions occur. A minor in Business Administration will help prepare students for management positions in the planning process. Courses from the Construction Technology minor include construction systems, site organization, building project estimating and architectural drafting - all important for planning and land-development careers. Other minors may be appropriate depending on career goals. Plan to discuss choice of minor as well as selection of elective courses with your advisor.

**Optional Certificates:** Certificates are designed to enhance your employability and offer you a firm foundation in a particular discipline that is complementary to your major field of study. The courses that you complete for a certificate may count toward your major or minor depending on your field of study.

- **GIS - Geographic Information Science** - 19 to 20 hours  
- **Environmental Interpretation** - 16 hours  
- **Location Analysis** - 16 to 18 hours  
- **Water Resources Policy** - 16 to 17 hours

Check [http://www.geo.txstate.edu/degrees-programs/certificates/Certificate-in-Water-Resources-Policy.html](http://www.geo.txstate.edu/degrees-programs/certificates/Certificate-in-Water-Resources-Policy.html) or online Class Schedule/Catalog [https://ssb.txstate.edu](https://ssb.txstate.edu) for more details.
Urban and Regional Planning Course Checklist

Bachelor of Science: 36 Semester Hours Minimum

**REQUIRED** of all Geography majors: (10 hours)
- _____ 1309 Introduction to Cultural Geography or 1310 World Geography
- _____ 2410 Introduction to Physical Geography (Prereq: MATH 1315 or above [excluding MATH 1316] with a grade of “C” or higher.)
- _____ 3301 Quantitative Methods (Prerequisite: MATH 1315 or above [excluding MATH 1316] with a grade of “C” or higher.)

**CORE:** (12 hours)
- _____ 3310 Urban Geography
- _____ 3320 Community and Regional Planning (WI).
- _____ 4321 Cities and Urban Design (Prerequisite: GEO 3310 with a grade of “C” or higher, Junior or Senior standing.)
- _____ 4338 Planning Practicum (Prerequisite: GEO 3320 with a grade of “C” or higher, Junior & Senior standing.)

Additional Requirement: 3 hours
- _____ ENGL 3303 Technical Writing. Additional 3 Hours **DOES NOT** count toward 36 major hours.

**TECHNIQUES:** (8 hours)
- _____ 2426 Fundamentals of GIS (Prerequisite: MATH 1315 or above [excluding MATH 1316] with a grade of “C” or higher.)  
  **At least one other techniques course. More hours are recommended.**
- _____ 3411 Maps and Mapmaking (Prerequisite: MATH 1315 or above [excluding MATH 1316] with a grade of “C” or higher.)
- _____ 3416 Principles of Remote Sensing (Prerequisite: GEO 2410 with a grade of “C” or higher.)
- _____ 3426 Advanced GIS (Prerq: GEO 2426 and MATH 1315 or above [excluding MATH 1316] with a grade of “C” or higher.)
- _____ 4380 Internship in Geography
- _____ 4430 Field Methods (WI). (Prerequisites: GEO 2410 and GEO 3301 with a grade of “C” or higher.)

**ELECTIVES:** Select from the following courses to complete 36 hours requirements
- _____ 3303 Economic Geography
- _____ 3313 Natural Resource Use and Management (Prereq: One course from GEO 1305, 1309, 1310, 2310, or 2410 with a grade of “C” or higher.)
- _____ 3321 Energy Resource Management (WI). (Prerequisite: MATH 1315 or above [excluding MATH 1316] with a grade of “C” or higher.)
- _____ 3323 Location Analysis
- _____ 3340 Political Geography
- _____ 3349 Population Geography
- _____ 3353 American Ethnic Geography
- _____ 3426 Advanced GIS (Prerequisite: GEO 2426 and MATH 1315 or above [excluding MATH 1316] with a grade of “C” or higher.)  
  **(may only count if not taken as technique).**
- _____ 3434 Water Resources (Prerequisite: GEO 2410 or CHEM 1141 & 1341 with a grade of “C” or higher.)
- _____ 4310 Regional Field Studies (WI). (check with advisor)
- _____ 4313 Environmental Management (WI). (Prerequisite: GEO 2410 with a grade of “C” or higher, Junior or Senior standing.)
- _____ 4314 River Basin Management (WI). (Prerequisite: GEO 2410 with a grade of “C” or higher.)
- _____ 4326 Parks & Protected Places (Prerequisite: Junior or Senior standing.)
- _____ 4336 Transportation Systems
- _____ 4339 Environmental Hazards and Land Management (Prerequisite: GEO 2410 with a grade of “C” or higher.)
- _____ 4341 Water Policy (Prerequisite: GEO 3434 and 4313 with a grade of “C” or higher.)
- _____ 4350 Solid Waste Planning and Management (Prerequisite: GEO 2410 with a grade of “C” or higher.)
- _____ 4380 Internship in Geography
- _____ 4430 Field Methods (WI). (Prereq: GEO 2410 and GEO 3301 with a grade of “C” or higher.)
- _____ A maximum of 3 cr. hr. from GEO 1105/1305, 1309, 1310, 2310 or any GEO 3000-4000 level courses

Consider joining one of Texas State Geography’s Student Organizations.  
Check bulletin board across the hall from ELA 139 for more information.