

**DEPARTMENT OF GEOGRAPHY**  
**REQUIREMENTS FOR THE MAJOR – POPULATION, DEVELOPMENT, & SUSTAINABILITY EMPHASIS**

Students must complete a minimum of four (4) courses of Geography required coursework (see list below) plus one (1) upper division physical geography elective course, in addition to one (1) emphasis core requirement, three (3) emphasis core course choices, a minimum of three (3) emphasis elective courses, and one (1) regional emphasis elective for a minimum total of thirteen (13) required Geography courses. All courses for the major must be taken for a letter grade and completed with a C- or better.

RESIDENCY REQUIREMENT: Students must complete at least 18 credit hours in the Department of Geography at the University of Utah.

ALLIED CREDIT REQUIREMENT: 12 credit hours of allied coursework are also required. These courses will generally be in the student's interest/specialization area and can be done in any of the following departments: Atmospheric Sciences; Biology; Chemistry; City and Metropolitan Planning; Civil Engineering; Computer Science; Geology; Math; Parks, Recreation and Tourism; Philosophy; Physics; or any department\*\* in the College of Social and Behavioral Science. \*(Aerospace Studies, Anthropology, Economics, Environmental and Sustainability Studies, Ethnic Studies, Family and Consumer Studies, Gender Studies, Health Society and Policy, Military Science, Naval Science, Political Science, Psychology, Sociology)

**PROGRAM OF STUDY**

Code	Course Number and Title	Credit Hrs	Sem/Year Taken	Grade
	<b>Required Courses:</b> ( <i>Geography Core Requirements</i> )			
SF	GEOG 1000 – Earth Environments and Global Change	3		
BF	GEOG 1400 – Human Geography	3		
QB/QI	GEOG 3020 – Geographical Analysis ( <i>Spring</i> )	4		
QI	GEOG 3100 – Intro to GIS & Cartography ( <i>Fall/ +online Spring or Summer</i> )	5		
	<b>One of the following:</b> ( <i>Upper Division Physical Geography Choice List</i> )			
	GEOG 3200 – Geomorphology: Mtns, Rivers, Deserts <b>OR</b> ( <i>Fall</i> )	4		
	GEOG 3/5205 – Regional and Global Climate <b>OR</b> ( <i>Fall</i> )	3		
SF	GEOG 3/5210 – Global Climate Change <b>OR</b> ( <i>Spring</i> )	3		
	GEOG 3/5215 – Climate Change and Its Impacts <b>OR</b> ( <i>Fall</i> )	3		
AS	GEOG 3/5290 – Water in Utah <b>OR</b> ( <i>alt. Fall</i> )	3		
	GEOG 3/5292 – Snow and Ice <b>OR</b>	3		
SF	GEOG 3310 – Introduction to Natural Hazards	3		
	<b>Emphasis Required Core:</b> ( <i>required core course for emphasis</i> )			
CW	GEOG 3/5400 – Population Geography ( <i>Fall</i> )	4		
	<b>Emphasis Required Core Choices:</b> ( <i>select three courses from list</i> )			
	GEOG 3/5480 – Urban Geography	3		
	GEOG 3420 – Political Geography	3		
	GEOG 3/5440 – Global Economic Geography ( <i>Spring</i> )	3		
	GEOG 5520 – Economic Geography, Industrial Location, & Regional Dev.	3		
	<b>Emphasis Electives:</b> ( <i>select three electives from list</i> )			
	<b>URBAN</b>			
SF	GEOG 3330 – Urban Environmental Geography	3		
	CMP 4720 – Land Use and Transportation Planning	3		
	GEOG 5510 – Urban Geography: Cities, Regions, and Globalization	3		
BF/IR	GEOG 3610 – World Cities	3		
	<b>SUSTAINABLE DEVELOPMENT</b>			
	GEOG 3/5368 – Energy Choices for the 21 <sup>st</sup> Century	3		
	GEOG 3/5370 – Utah's Energy Landscape	3		
	GEOG 3/5375 – Sustainable Transportation	3		
	GEOG 5190 – GIS for Environmental and Public Health	3		
	GEOG 5350 – Public Lands and Environmental Policy	3		
	<b>Emphasis Regional Elective:</b> ( <i>select one course from list</i> )			
BF	GEOG 1300 – World Regional Geography	3		
	GEOG 3630 – Geography of Europe	3		
IR	GEOG 3640 – Geography of China & Asia	3		
IR	GEOG 3650 – Geography of the Middle East	3		
IR	GEOG 3670 – Geography of Latin America ( <i>online</i> )	3		
IR	GEOG 3660 – Geography of Africa: Contextualizing Social & Political Inst.	3		
IR	GEOG 3680 – China & Russia: Geopolitical Relations, Past & Present	3		
	<b>TOTAL COURSES (min. 13)</b>			
	<b>TOTAL RESIDENCY HRS. (18 cr. hrs. at U of U Geog. Dept.)</b>			

\*GEOG 5940 Internship in Geography may be counted only once toward the major elective requirement and does not count as the required 5000-level elective course.

**ALLIED COURSES**

Code	Course Number and Title	Credit Hrs	Sem/Year Taken	Grade
	<b>TOTAL CREDIT HOURS (min. 12 credit hours)</b>			

Students who have questions about the major should book an advising appointment at [geog.utah.edu](http://geog.utah.edu).

6/6/2018