

DEPARTMENT OF GEOGRAPHY
REQUIREMENTS FOR THE MAJOR – HAZARDS, RESILIENCE, & HUMAN SECURITY EMPHASIS

Students must complete a minimum of five (5) 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 required and elective courses, and one (1) regional emphasis elective for a minimum total of fourteen (14) 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
	Required Courses: (<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		
	GEOG 3040 – Principles of Cartography (<i>Fall</i>)**	4		
QI	GEOG 3140 – Introduction to GIS (<i>Fall / +online Spring or Summer</i>)**	4		
	One of the following: (<i>Upper Division Physical Geography Choice List</i>)			
	GEOG 3200 – Geomorphology: Mtns, Rivers, Deserts OR (<i>Fall</i>)	4		
	GEOG 3/5205 – Regional and Global Climate OR (<i>Fall</i>)	3		
SF	GEOG 3/5210 – Global Climate Change OR (<i>Spring</i>)	3		
AS	GEOG 3/5290 – Water in Utah OR (<i>alt. Fall</i>)	3		
	GEOG 3/5292 – Snow and Ice OR	3		
	Emphasis Required Core: (<i>required core course for emphasis</i>)			
CW	GEOG 3/5400 – Population Geography (<i>Fall</i>)	4		
	Emphasis Required Core Choices: (<i>select three courses from list</i>)			
SF	GEOG 3310 – Introduction to Natural Hazards	3		
	GEOG 3/5340 – Geography of Disasters & Emergency Management (<i>Spring</i>)	3		
	GEOG 3420 – Political Geography	3		
	GEOG 3/5090 – Introduction to Medical Geography	3		
	Emphasis Electives: (<i>select three electives from list</i>)			
	NATURAL HAZARDS			
	GEOG 3/5385 – Environmental Assessment & Impact Analysis	3		
	GEOG 3/5215 – Climate Change and Its Impacts (<i>Fall</i>)	3		
AS	GEOG 3/5230 – Pyrogeography	3		
	GEOG 5260 – Snow Dynamics and Avalanche Studies	4		
	HUMAN SECURITY & INTELLIGENCE			
IR	GEOG 3/5320 – Geography of Terrorism & Homeland Security	3		
	GEOG 3460 – Military Geography	3		
	GEOG 5540 – Geospatial Intelligence & Security	3		
	SOC 3560 – Deviant Behavior & Social Control	3		
	SOC 3569 – Terrorism, Violence & Aggression	3		
	ENVIRONMENTAL MANAGEMENT & POLICY			
	GEOG 5350 – Public Lands & Environmental Policy	3		
	GEOG 3350 – Resource Conservation & Environmental Management	3		
	GEOG 3/5380 – Wilderness Issues & Management (<i>Summer</i>)	3		
	GEOG 5190 – GIS for Environmental & Public Health	3		
	Emphasis Regional Elective: (<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		

	TOTAL COURSES (min. 14)			
	TOTAL RESIDENCY HRS. (18 cr. hrs. at U of U Geog. Dept.)			

*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

** GEOG 3040 is soon to be discontinued. If you have already taken GEOG 3140: Intro to GIS or plan on taking GEOG 3140 in Summer 2017, you **MUST** take GEOG 3040: Principles of Cartography this Fall 2017 semester!

ALLIED COURSES

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

Students who have questions about the major should consult with the undergraduate advisor at 801-581-8218.

3/22/2017