

**DEPARTMENT OF GEOGRAPHY
REQUIREMENTS FOR THE MAJOR – CLIMATE CHANGE EMPHASIS**

Students must complete a minimum of seven (7) courses of Geography required coursework (see list below) plus one (1) upper division geography elective course, in addition to a minimum of six (6) climate change required and elective courses 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.

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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; City and Metropolitan Planning; Civil Engineering; Computer Science; Geology; Parks, Recreation and Tourism; Philosophy; 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 (<i>All/ +online</i>)	3		
	GEOG 1010 – Introduction to Geographic Data (<i>online only</i>)	1		
BF	GEOG 1400 – Human Geography (<i>All/ +online</i>)	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 Human Geography Choice List</i>)			
	GEOG 3/5090 – Introduction to Medical Geography OR (<i>Spring</i>)	3		
BF	GEOG 3350 – Resource Conservation & Environ. Mgt. OR (<i>all</i>)	3		
	GEOG 3/5375 – Sustainable Transportation OR	3		
	GEOG 3420 – Political Geography OR (<i>Fall</i>)	3		
BF/IR	GEOG 3/5440 – Global Economic Geography OR (<i>Spring</i>)	3		
BF	GEOG 3/5480 – Urban Geography OR (<i>Spring</i>)	3		
DV	GEOG 3620 – Geography of North America (<i>All - online</i>)	3		
	Climate Change Emphasis Core: (<i>required core courses for emphasis</i>)			
SF	GEOG 3200 – Geomorphology: Mtns, Rivers, Deserts (<i>Fall</i>)	4		
	GEOG 3/5205 – Regional and Global Climates (<i>Fall</i>)	3		
SF/CW	GEOG 3/5270 – Biogeography: Global Patterns of Life (<i>Spring</i>)	4		
	Climate Change Emphasis Electives: (<i>select three elective courses from list</i>)			
SF	GEOG 5210 – Global Climate Change (<i>Spring</i>)	3		
	GEOG 5215 – Climate Change and Its Impacts (<i>Fall</i>)	3		
	GEOG 5275 – Vegetation and Climate Change (<i>Spring</i>)	3		
	GEOG 5368 – Energy Choices for the 21 st Century (<i>Spring</i>)	3		
	GEOG 5410 – Paleoclimatology	3		
	GEOG 5460 – Popular Literature on Climate Change	3		
	Elective Courses: (<i>Select an upper division geography course of your choice</i>)			
	GEOG 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

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.