

DEPARTMENT OF GEOGRAPHY
REQUIREMENTS FOR THE MAJOR – CLIMATE CHANGE & LANDSCAPE DYNAMICS EMPHASIS

Students must complete a minimum of four (4) courses of Geography required coursework (see list below) plus one (1) upper division human geography elective course, in addition to five (5) emphasis core requirements, and a minimum of three (3) emphasis elective requirement courses for a minimum total of fourteen (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
	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		
QI	GEOG 3100 – Intro to GIS & Cartography (<i>Fall/ +online Spring or Summer</i>)	5		
	One of the following: (<i>Upper Division Human Geography Choice List</i>)			
	GEOG 3/5090 – Introduction to Medical Geography OR	3		
	GEOG 3350 – Resource Conservation & Environ. Mgt. OR	3		
	GEOG 3/5375 – Sustainable Transportation OR	3		
	GEOG 3420 – Political Geography OR	3		
IR	GEOG 3/5440 – Global Economic Geography OR (<i>Spring</i>)	3		
	GEOG 3/5480 – Urban Geography OR	3		
DV	GEOG 3620 – Geography of North America	3		
	Emphasis Required Core: (<i>required core courses for emphasis</i>)			
	GEOG 3200 – Geomorphology: Mtns, Rivers, Deserts (<i>Fall</i>)	4		
	GEOG 5205 – Regional and Global Climates (<i>Fall</i>)	3		
SF	GEOG 5210 – Global Climate Change (<i>Spring</i>)	3		
CW	GEOG 5270 – Biogeography: Global Patterns of Life (<i>Spring</i>)	4		
	GEOG 3050 – Problem Solving in Physical Geography	4		
	Emphasis Electives: (<i>select three elective courses from list</i>)			
	CLIMATE			
	GEOG 5215 – Climate Change and Its Impacts (<i>Fall</i>)	3		
	GEOG 5275 – Vegetation and Climate Change	3		
	GEOG 5368 – Energy Choices for the 21 st Century	3		
	GEOG 5410 – Paleoclimatology	3		
	GEOG 5460 – Popular Literature on Climate Change	3		
	BIOGEOGRAPHY			
AS	GEOG 5230 – Pyrogeography	3		
	GEOG 5275 – Vegetation and Climate Change	3		
	GEOG 5280 – Quaternary Environments	3		
	GEOG 5365 – Communicating Climate Change	3		
	GEOG 5420 – Pollen Analysis	3		
	GEOG 5712 – Paleoenvironmental Field Methods (<i>Summer</i>)	3		
	ENVST 5180 – Field Ecology	3		
	BIOL 2355 – Field Botany	2		
	GEOMORPHOLOGY			
	GEOG 5201 – Advanced Topics in Geomorphology: Arid Lands (<i>alt. Spring</i>)	4		
	GEOG 5202 – Advanced Topics in Geomorphology: Geoarch (<i>alt. Spring</i>)	4		
	GEOG 3000 – Geo-Excursions in Utah (<i>alt. Fall</i>)	4		
	HYDROLOGY/CRYOGEOGRAPHY			
AS	GEOG 5290 – Water in Utah (<i>alt. Fall</i>)	3		
	GEOG 5292 – Snow and Ice	3		
	GEOG 5250 – The Crystal Desert: Antarctica & Global Change	3		
	GEOG 5260 – Snow Dynamics & Avalanche Studies	4		
	GEOG 5360 – Ocean Environments (<i>Summer</i>)	3		
	GEO 3300 – The Water Planet	3		

	TOTAL COURSES (min. 13)			
	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)			

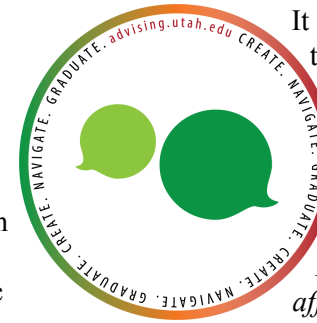
Students who have questions about the major should book an advising appointment at geog.utah.edu.

7/13/2017



Fall	Spring	Summer
15	15	0
12	12	6
10	10	10

Tips for successful scheduling: Advisors recommend that students plan on taking at least 30 credit hours in 3 semesters to finish your degree in a timely manner. Talk to your Academic Advisor to make a unique academic plan specific to your individual needs!



This is an unofficial document.
 It is the student's responsibility to ensure that their Degree Audit is accurate and that they have fulfilled all of their graduation requirements, including: University requirements, Bachelor's Degree requirements, General Education requirements and Major requirements.
Dropping or failing courses may adversely affect graduation, and students should consult with their advisor.

Semester _____

Course	Credit Hours
Total Hours:	

Semester _____

Course	Credit Hours
Total Hours:	

Semester _____

Course	Credit Hours
Total Hours:	

Semester _____

Course	Credit Hours
Total Hours:	

Semester _____

Course	Credit Hours
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Course	Credit Hours
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Course	Credit Hours
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Course	Credit Hours
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Semester _____

Course	Credit Hours
Total Hours:	