MAJOR IN GEOGRAPHY

Requirements Effective Fall 2024

Freshman			
		AUCC	Credits
ANTH 200	Cultures and the Global System (GT-SS3)	1C	3
CO 150	College Composition (GT-CO2)	1A	3
GR 100	Introduction to Geography (GT-SS2)	3C	3
GR 110	Introduction to Physical Geography (GT-SC2)	3A	3
GR 111	Introduction to Physical Geography Lab (GT-SC1)	3A	1
Arts and Humanities (htt #arts-humanities)	tp://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/	3B	6
Historical Perspectives (aucc/#historicalperspec	(http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/ stives)	3D	3
Quantitative Reasoning aucc/#quantitativereaso	(http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/oning)	1B	3
Electives	3,		5
	Total Credits		30
Sophomore			
GR 220	Mapping, Cartography, and Spatial Thinking		3
	redits in Human Geography from the following not taken in another category:		6
GR 102	Geography of Europe and the Americas (GT-SS2)	1C	· ·
GR 213	Climate Migrants (GT-SS2)	3C	
GR 305	Geography of Global Health		
GR 330	Urban Geography		
GR 331	Geography of Farming Systems	4A	
GR 345	Geography of Hazards		
	redits in Physical Geography from the following not taken in another category:		6
GR 210/ESS 210	Physical Geography		
GR 303	Mountain Geography		
GR 348	Biogeography		
Select a minimum of 3 c	redits in Geospatial Methods from the following not taken in another category:		3
ANTH 365	Quantifying Anthropology		
GR 311	GIS for Social Scientists		
GR 315	Quantitative Geographical Methods		
GR 323/NR 323	Remote Sensing and Image Interpretation		
Biological and Physical S curriculum/aucc/#biolog	Sciences (http://catalog.colostate.edu/general-catalog/all-university-core-	3A	3
Electives			9
	Total Credits		30
Junior			
ANTH 400/GR 400	History of Theory-Anthropology and Geography	4B	3
GR 320	Cultural Geography		3
Select a minimum of 6 c	redits in following Human Geography courses not taken in another category:		6
GR 213	Climate Migrants (GT-SS2)	3C	
GR 305	Geography of Global Health		
GR 330	Urban Geography		

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GR 331	Geography of Farming Systems	4A		
GR 345	Geography of Hazards			
GR 415	The Geography of Commodities			
GR 418	Development Geographies	4A		
GR 425A	Special Topics: Human Geography			
GR 440/POLS 440	Political Geography			
Select a minimum of 6 credits in following Physical Geography courses not taken in another category:				
GR 204/WR 204	Sustainable Watersheds (GT-SC2)	3A		
GR 210/ESS 210	Physical Geography			
GR 303	Mountain Geography			
GR 348	Biogeography			
GR 410	Climate Change: Science, Policy, Implications			
GR 425C	Special Topics: Physical Geography			
GR 448	Forest Biogeography and Climate Change			
Select a minimum of 6 cr	redits in following Geospatial Methods courses not taken in another category:		6	
ANTH 365	Quantifying Anthropology			
GR 311	GIS for Social Scientists			
GR 315	Quantitative Geographical Methods			
GR 323/NR 323	Remote Sensing and Image Interpretation			
GR 420	Spatial Analysis with GIS			
GR 425B	Special Topics: Geospatial Geography			
GR 430 ¹	Land Change Science and Remote Sensing			
Advanced Writing (http:// #advanced-writing)	/catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/	2	3	
Electives			3	
	Total Credits		30	
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Senior				
	Capstone Seminar	4C	1	
GR 493	Capstone Seminar	4C 4A	1	
GR 493 Students must take GR 4	Capstone Seminar 93 concurrently with one of the 4A courses listed in the selection below if not	4C 4A	1	
GR 493	.93 concurrently with one of the 4A courses listed in the selection below if not			
GR 493 Students must take GR 4 previously taken:	.93 concurrently with one of the 4A courses listed in the selection below if not Mountain Geography	4A		
GR 493 Students must take GR 4 previously taken: GR 303	93 concurrently with one of the 4A courses listed in the selection below if not Mountain Geography Geography of Farming Systems	4A 4A		
GR 493 Students must take GR 4 previously taken: GR 303 GR 331 GR 410	93 concurrently with one of the 4A courses listed in the selection below if not Mountain Geography Geography of Farming Systems Climate Change: Science, Policy, Implications	4A 4A 4A		
GR 493 Students must take GR 4 previously taken: GR 303 GR 331 GR 410 GR 415	93 concurrently with one of the 4A courses listed in the selection below if not Mountain Geography Geography of Farming Systems Climate Change: Science, Policy, Implications The Geography of Commodities	4A 4A 4A		
GR 493 Students must take GR 4 previously taken: GR 303 GR 331 GR 410 GR 415 GR 418	93 concurrently with one of the 4A courses listed in the selection below if not Mountain Geography Geography of Farming Systems Climate Change: Science, Policy, Implications The Geography of Commodities Development Geographies	4A 4A 4A 4A 4A		
GR 493 Students must take GR 4 previously taken: GR 303 GR 331 GR 410 GR 415 GR 418 GR 430	93 concurrently with one of the 4A courses listed in the selection below if not Mountain Geography Geography of Farming Systems Climate Change: Science, Policy, Implications The Geography of Commodities Development Geographies Land Change Science and Remote Sensing	4A 4A 4A 4A	3	
GR 493 Students must take GR 4 previously taken: GR 303 GR 331 GR 410 GR 415 GR 418 GR 430 Select a minimum of 9 cr	93 concurrently with one of the 4A courses listed in the selection below if not Mountain Geography Geography of Farming Systems Climate Change: Science, Policy, Implications The Geography of Commodities Development Geographies Land Change Science and Remote Sensing redits from one of the following options not taken in another category:	4A 4A 4A 4A 4A 4A		
GR 493 Students must take GR 4 previously taken: GR 303 GR 331 GR 410 GR 415 GR 418 GR 430 Select a minimum of 9 cr	Mountain Geography Geography of Farming Systems Climate Change: Science, Policy, Implications The Geography of Commodities Development Geographies Land Change Science and Remote Sensing redits from one of the following options not taken in another category: Geography of Europe and the Americas (GT-SS2)	4A 4A 4A 4A 4A	3	
GR 493 Students must take GR 4 previously taken: GR 303 GR 331 GR 410 GR 415 GR 418 GR 430 Select a minimum of 9 cr GR 102 GR 210/ESS 210	Mountain Geography Geography of Farming Systems Climate Change: Science, Policy, Implications The Geography of Commodities Development Geographies Land Change Science and Remote Sensing redits from one of the following options not taken in another category: Geography of Europe and the Americas (GT-SS2) Physical Geography	4A 4A 4A 4A 4A 4A 1C	3	
GR 493 Students must take GR 4 previously taken: GR 303 GR 331 GR 410 GR 415 GR 418 GR 430 Select a minimum of 9 cr GR 102 GR 210/ESS 210 GR 213	Mountain Geography Geography of Farming Systems Climate Change: Science, Policy, Implications The Geography of Commodities Development Geographies Land Change Science and Remote Sensing redits from one of the following options not taken in another category: Geography of Europe and the Americas (GT-SS2) Physical Geography Climate Migrants (GT-SS2)	4A 4A 4A 4A 4A 4A 1C 3C	3	
GR 493 Students must take GR 4 previously taken: GR 303 GR 331 GR 410 GR 415 GR 418 GR 430 Select a minimum of 9 cr GR 102 GR 210/ESS 210 GR 213 GR 217	Mountain Geography Geography of Farming Systems Climate Change: Science, Policy, Implications The Geography of Commodities Development Geographies Land Change Science and Remote Sensing redits from one of the following options not taken in another category: Geography of Europe and the Americas (GT-SS2) Physical Geography Climate Migrants (GT-SS2) Human-Environment Geographies (GT-SS2)	4A 4A 4A 4A 4A 4A 1C	3	
GR 493 Students must take GR 4 previously taken: GR 303 GR 331 GR 410 GR 415 GR 418 GR 430 Select a minimum of 9 cr GR 102 GR 210/ESS 210 GR 213 GR 217 GR 220	Mountain Geography Geography of Farming Systems Climate Change: Science, Policy, Implications The Geography of Commodities Development Geographies Land Change Science and Remote Sensing redits from one of the following options not taken in another category: Geography of Europe and the Americas (GT-SS2) Physical Geography Climate Migrants (GT-SS2) Human-Environment Geographies (GT-SS2) Mapping, Cartography, and Spatial Thinking	4A 4A 4A 4A 4A 4A 1C 3C	3	
GR 493 Students must take GR 4 previously taken: GR 303 GR 331 GR 410 GR 415 GR 418 GR 430 Select a minimum of 9 cr GR 102 GR 210/ESS 210 GR 213 GR 217 GR 220 GR 303	Mountain Geography Geography of Farming Systems Climate Change: Science, Policy, Implications The Geography of Commodities Development Geographies Land Change Science and Remote Sensing redits from one of the following options not taken in another category: Geography of Europe and the Americas (GT-SS2) Physical Geography Climate Migrants (GT-SS2) Human-Environment Geographies (GT-SS2) Mapping, Cartography, and Spatial Thinking Mountain Geography	4A 4A 4A 4A 4A 4A 1C 3C	3	
GR 493 Students must take GR 4 previously taken: GR 303 GR 331 GR 410 GR 415 GR 418 GR 430 Select a minimum of 9 cr GR 102 GR 210/ESS 210 GR 213 GR 217 GR 220 GR 303 GR 305	Mountain Geography Geography of Farming Systems Climate Change: Science, Policy, Implications The Geography of Commodities Development Geographies Land Change Science and Remote Sensing redits from one of the following options not taken in another category: Geography of Europe and the Americas (GT-SS2) Physical Geography Climate Migrants (GT-SS2) Human-Environment Geographies (GT-SS2) Mapping, Cartography, and Spatial Thinking Mountain Geography Geography of Global Health	4A 4A 4A 4A 4A 4A 1C 3C	3	
GR 493 Students must take GR 4 previously taken: GR 303 GR 331 GR 410 GR 415 GR 418 GR 430 Select a minimum of 9 cr GR 102 GR 210/ESS 210 GR 213 GR 217 GR 220 GR 303 GR 305 GR 311	Mountain Geography Geography of Farming Systems Climate Change: Science, Policy, Implications The Geography of Commodities Development Geographies Land Change Science and Remote Sensing redits from one of the following options not taken in another category: Geography of Europe and the Americas (GT-SS2) Physical Geography Climate Migrants (GT-SS2) Human-Environment Geographies (GT-SS2) Mapping, Cartography, and Spatial Thinking Mountain Geography Geography of Global Health GIS for Social Scientists	4A 4A 4A 4A 4A 4A 1C 3C	3	
GR 493 Students must take GR 4 previously taken: GR 303 GR 331 GR 410 GR 415 GR 418 GR 430 Select a minimum of 9 cr GR 102 GR 210/ESS 210 GR 213 GR 217 GR 220 GR 303 GR 305 GR 311 GR 323/NR 323	Mountain Geography Geography of Farming Systems Climate Change: Science, Policy, Implications The Geography of Commodities Development Geographies Land Change Science and Remote Sensing redits from one of the following options not taken in another category: Geography of Europe and the Americas (GT-SS2) Physical Geography Climate Migrants (GT-SS2) Human-Environment Geographies (GT-SS2) Mapping, Cartography, and Spatial Thinking Mountain Geography Geography of Global Health GIS for Social Scientists Remote Sensing and Image Interpretation	4A 4A 4A 4A 4A 4A 1C 3C	3	
GR 493 Students must take GR 4 previously taken: GR 303 GR 331 GR 410 GR 415 GR 418 GR 430 Select a minimum of 9 cr GR 102 GR 210/ESS 210 GR 213 GR 217 GR 220 GR 303 GR 305 GR 311 GR 323/NR 323 GR 330	Mountain Geography Geography of Farming Systems Climate Change: Science, Policy, Implications The Geography of Commodities Development Geographies Land Change Science and Remote Sensing redits from one of the following options not taken in another category: Geography of Europe and the Americas (GT-SS2) Physical Geography Climate Migrants (GT-SS2) Human-Environment Geographies (GT-SS2) Mapping, Cartography, and Spatial Thinking Mountain Geography Geography of Global Health GIS for Social Scientists Remote Sensing and Image Interpretation Urban Geography	4A 4A 4A 4A 4A 4A 4C 4A 4C	3	
GR 493 Students must take GR 4 previously taken: GR 303 GR 331 GR 410 GR 415 GR 418 GR 430 Select a minimum of 9 cr GR 102 GR 210/ESS 210 GR 213 GR 217 GR 220 GR 303 GR 305 GR 311 GR 323/NR 323 GR 330 GR 331	Mountain Geography Geography of Farming Systems Climate Change: Science, Policy, Implications The Geography of Commodities Development Geographies Land Change Science and Remote Sensing redits from one of the following options not taken in another category: Geography of Europe and the Americas (GT-SS2) Physical Geography Climate Migrants (GT-SS2) Human-Environment Geographies (GT-SS2) Mapping, Cartography, and Spatial Thinking Mountain Geography Geography of Global Health GIS for Social Scientists Remote Sensing and Image Interpretation Urban Geography Geography of Farming Systems	4A 4A 4A 4A 4A 4A 1C 3C	3	
GR 493 Students must take GR 4 previously taken: GR 303 GR 331 GR 410 GR 415 GR 418 GR 430 Select a minimum of 9 cr GR 102 GR 210/ESS 210 GR 213 GR 217 GR 220 GR 303 GR 305 GR 311 GR 323/NR 323 GR 330 GR 331 GR 345	Mountain Geography Geography of Farming Systems Climate Change: Science, Policy, Implications The Geography of Commodities Development Geographies Land Change Science and Remote Sensing redits from one of the following options not taken in another category: Geography of Europe and the Americas (GT-SS2) Physical Geography Climate Migrants (GT-SS2) Human-Environment Geographies (GT-SS2) Mapping, Cartography, and Spatial Thinking Mountain Geography Geography of Global Health GIS for Social Scientists Remote Sensing and Image Interpretation Urban Geography Geography of Farming Systems Geography of Hazards	4A 4A 4A 4A 4A 4A 4C 4A 4C	3	
GR 493 Students must take GR 4 previously taken: GR 303 GR 331 GR 410 GR 415 GR 418 GR 430 Select a minimum of 9 cr GR 102 GR 210/ESS 210 GR 213 GR 217 GR 220 GR 303 GR 305 GR 311 GR 323/NR 323 GR 330 GR 331	Mountain Geography Geography of Farming Systems Climate Change: Science, Policy, Implications The Geography of Commodities Development Geographies Land Change Science and Remote Sensing redits from one of the following options not taken in another category: Geography of Europe and the Americas (GT-SS2) Physical Geography Climate Migrants (GT-SS2) Human-Environment Geographies (GT-SS2) Mapping, Cartography, and Spatial Thinking Mountain Geography Geography of Global Health GIS for Social Scientists Remote Sensing and Image Interpretation Urban Geography Geography of Farming Systems	4A 4A 4A 4A 4A 4A 4C 4A 4C	3	

	Program Total Credits:	120	
	Total Credits		30
Electives ²			17
GR 592	Special Topics in Geography		
GR 448	Forest Biogeography and Climate Change		
GR 440/POLS 440	Political Geography		
GR 430	Land Change Science and Remote Sensing		
GR 425C	Special Topics: Physical Geography		
GR 425B	Special Topics: Geospatial Geography		
GR 425A	Special Topics: Human Geography		
GR 420	Spatial Analysis with GIS	4A	
GR 418	Development Geographies		
GR 415	The Geography of Commodities		

GR 431 may also fulfill this requirement, but GR 431 must be taken concurrently with GR 430.
 Select enough elective credits to bring the program total to a minimum of 120 credits, of which at least 42 must be upper-division (300- to 400level).