Geography Major, List of Requirements

LOWER DIVISION COURSES

Students are required to take one course from each of the three following areas. A maximum of two courses from related fields may be substituted if they are approved by the Undergraduate Major Advisor. Junior transfers are allowed to use substitute courses for all three lower division requirements.

1. 1 course from Basic Physical Geography:
   Geography N1, 40
2. 1 course from Regional Geography:
   Geography 10AC, 50AC, N50AC, C55, 70AC, 72AC
3. 1 course from World Geography:
   Geography N4, 20, C32

UPPER-DIVISION COURSES

I. Students are required to take 1 course from 4 of the 5 following areas (A - E).

A. Earth System Science
Geography C135, C136, C139, 140A, 140B, 142, 143, 147, C148, 149A, 149B, 170 [Pau], 180

B. Political Economies
Geography 110, C112, 116, 118, 123, 124, 128, 129, 130, N130, 138, 145, 155, C160, 164, 165, 167AC, 170 [Feakins], 170 [Negrin], 170 [Environmental Colonialism], 170 [Storytelling in Place], 170 [Sayre], 174, 176, 181, 182

C. Racial Geographies
Geography 115, 118, 119, 123, 124, 126, 128, 129, C154, 155, 161, 165, 167AC, 169, 170 [Bruno], 170 [Negrin], 170 [Wanek], 170 [Environmental Colonialism], 170 [Storytelling in Place], 170 [Indigenous Placemaking], 172, 173, 178, 181, 182, 189

D. Critical Environments
Geography C100, 103, 118, 119, 126, 127, 128, 129, 130, N130, C135, 138, 147, C148, C154, C160, 169, 170 [Environmental Colonialism], 170 [Bruno], 170 [Wanek], 170 [Pau], 170 [Storytelling in Place], 170 [Sayre], 170 [Indigenous Placemaking], 172, 173, 174, 176, 178, 181, 182, 189

E. Geospatial Representation
Geography 80, 85, 103, 117, 126, 127, 161, 169, 170 [Writing the World], 170 [Wanek], 170 [Indigenous Placemaking], 172, 173, 183, 185, C188, 189

II. Students must complete an additional 4 upper-division courses in any Geography research area they wish. A maximum of two courses from related fields may be substituted if they are approved by the Undergraduate Major Advisor. Students studying abroad are allowed up to three substitute courses from their program.

Geography 80, 85, 110, C100, 103, C112, 115, 116, 117, 118, 119, 123, 124, 126, 127, 128, 129, 130, N130, C135, C136, 138, C139, 140A, 140B, 142, 143, 145, 147, C148, 149A, 149B, C154, 155, C160, 161, 164, 165, 167AC, 169, 170, 172, 173, 174, 176, 178, 180, 181, 182, 183, 185, C188, 189

Students can earn an emphasis in a research area by completing a total of 4 courses in that research area.

Note: Geography 198, 199 courses taken for 3 or 4 units can be applied to upper division major requirements, depending on the subject matter, if approved by the Undergraduate Major Advisor.

MAJOR REGULATIONS

Pre-requisites: Check the Berkeley Catalog for the prerequisites to all listed courses.

Grading Option: All major courses (LD or UD), including those applied to the major from other departments, must be completed for a letter grade.

GPA Requirements: At least 2.0 overall UC average in **all** upper-division major courses and **all** courses (LD and UD) for the major.

Double Majors: With the approval of each department advisor, up to a total of 2 courses may be applied simultaneously to both majors.

Minor: With the approval of each department advisor, 1 course may be applied simultaneously to both the Geography major and chosen minor.

Geography Major, Course Offerings

Orange = traditionally Fall offering, Green = traditionally Spring offering, Purple = has been offered in both Fall and Spring, Yellow = Summer offering

LOWER DIVISION

Students are required to take one course from each of the three following areas. Once a student completes two of the three course requirements, they are able to declare the Geography major. Students may substitute up to two courses, pending approval by the Undergraduate Major Advisor.

Basic Physical

N1	Global Environmental Change	3 units	
40	Intro to Earth System Science	4 units	Chiang, John

Regional

10AC	Worldings: Regions, Peoples & States	4 units	Chua, Charmaine Kosek, Jon Wilmott, Clancy
50AC	California	4 units	Lunine, Seth
N50AC	California	3 units	
C55	Intro to Central Asia	3 units	Mehendale, Sanjyot
70AC	The Urban Experience	3 units	Lunine, Seth Summers, Brandi
70AC	The Urban Experience	3 units	
72AC	The Bay Area	3 units	Lunine, Seth
72AC	The Bay Area	3 units	

World

N4	World Peoples and Cultural Environments	4 units	
20	Globalization	4 units	Chari, Sharad
20	Globalization	3 units	
C32	Intro to Global Studies	4 units	Watts, Michael Zook, Darren Faust, Jesilyn

Geography Major, Course Offerings

Orange = traditionally Fall offering, Green = traditionally Spring offering, Purple = has been both Fall and Spring offering, Yellow = Summer offering

UPPER DIVISION

Students are required to take one course from four of the five following areas. Further, students must complete an additional 4 upper-division courses. Students can earn an emphasis by completing a total of 4 courses in a specific research area.

Earth System Science

C135	Water Resources and the Environment	3 units	Larsen, Laurel
C136	Terrestrial Hydrology	4 units	Girotto, Manuela Gerlein-Safdi, Cynthia
C139	Atmospheric Physics and Dynamics	3 units	Romps, David
140A	Physical Landscapes: Process and Forms	4 units	Cuffey, Kurt
140B	Physiography and Geomorphologic Extremes	4 units	Cuffey, Kurt
142	Climate Dynamics	3 units	Chiang, John
143	Global Change Biogeochemistry	3 units	Rhew, Robert
147	Communicating Climate Science	3 units	Rhew, Robert Weiss, Emily
C148	Biogeography	4 units	Chambers, Jeffrey
149A	Climates World	3 units	Miller, Norman
149B	Climate Impacts and Risk Analysis	3 units	Miller, Norman
170	Biodiversity on a Changing Planet	3 units	Pau, Stephanie
180	Field Methods for Physical Geography	5 units	Wahl, Dave

Political Economies

110	Critical Economic Geographies	4 units	Fields, Desiree
C112	Global Development: Theory, History, Geography	4 units	Page, Tiffany
116	Reclaiming Jerusalem: Critical Readings in the Historical Geography of a Contested City	3 units	Rubin, Esther
118	Storytelling in Place	3 units	Sarah, Lakshmi
123	Postcolonial Geographies	4 units	Chari, Sharad
124	Urban Sites and City Life	3 units	Summers, Brandi

128	Short-form Video for Place-based Storytelling	3 units	Sarah, Lakshmi
129	Ocean Worlds	3 units	Chari, Sharad
130	Food and the Environment	4 units	Sayre, Nathan
N130	Food and the Environment	3 units	
138	Global Environmental Politics	4 units	Negrin, Diana
138	Global Environmental Politics	4 units	
145	Platform Geographies	4 units	Fields, Desiree
155	Race, Space & Inequality	4 units	Lewis, Jovan Scott
C160	American Landscapes: History, Culture, and the Built Environment	4 units	Ekman, Peter Craghead, Alexander
164	Global China	3 units	Hsing, You-Tien Chang, Crystal
165	Racial and Ethnic Geographies of Latin America	3 units	Negrin, Diana
167AC	Border Geographies, Migration and Decolonial Movements of Latin America	4 units	Negrin, Diana
170	Post-Socialist Spaces	3 units	Feakins, Melanie
170	Geographies of Race and Ethnicity in Latin America	3 units	Negrin, Diana
170	Environmental Colonialism	3 units	Hobbs-Morgan, Chase
170	Storytelling in Place	3 units	Sarah, Lakshmi
170	Capitalism and Climate	3 units	Sayre, Nathan
174	Ecological Marxisms	3 units	Hobbs-Morgan, Chase
176	The State and Its Discontents	3 units	Hobbs-Morgan, Chase
181	Urban Field Study	4 units	Lunine, Seth
182	Field Study of Buildings and Cities	4 units	Lunine, Seth

Racial Geographies

115	How Modernization and Colonialism Shaped Israel/Palestine	3 units	Rubin, Esther
118	Storytelling in Place	3 units	Sarah, Lakshmi

119	Audio Narratives of the Bay Area	3 units	Sarah, Lakshmi
123	Postcolonial Geographies	4 units	Chari, Sharad
124	Urban Sites and City Life	3 units	Summers, Brandi
126	Sonic Geographies	4 units	Wanek, Joel
128	Short-form Video for Place-based Storytelling	3 units	Sarah, Lakshmi
129	Ocean Worlds	3 units	Chari, Sharad
C154	Post-Apocalyptic Botany	4 units	Kosek, Jake
155	Race, Space & Inequality	4 units	Lewis, Jovan Scott
161	Rethinking Latin American Geographies Through Social Mapping	4 units	Barrera de la Torre, Geronimo
165	Racial and Ethnic Geographies of Latin America	3 units	Negrin, Diana
167AC	Border Geographies, Migration and Decolonial Movements of Latin America	4 units	Negrin, Diana
169	Preparing for Community Engaged Research	3 units	Hobbs-Morgan, Chase
170	Racial Ecologies	3 units	Bruno, Tianna
170	Geographies of Race and Ethnicity in Latin America	3 units	Negrin, Diana
170	Indigenous Placemaking: Removal, Reservations, Resistance	3 units	Hobbs-Morgan, Chase
170	Sonic Geographies	3 units	Wanek, Joel
170	Environmental Colonialism	3 units	Hobbs-Morgan, Chase
170	Conducting Community Engaged Research	3 units	Chase Hobbs-Morgan
170	Storytelling in Place	3 units	Sarah, Lakshmi
172	Sonic Geographies of Oakland: A Field Exploration	4 units	Wanek, Joel
173	Conducting Community Engaged Research	3 units	Chase Hobbs-Morgan
178	Racial Ecologies	3 units	Bruno, Tianna
181	Urban Field Study	4 units	Lunine, Seth

182	Field Study of Buildings and Cities	4 units	Lunine, Seth
189	Visual Geography	4 units	Wanek, Joel

Critical Environments

C100	Art and Ecology	4 units	Chari, Sharad
103	Virtual Worlds: Games, Play and Geography	4 units	Fraser, Emma
118	Storytelling in Place	3 units	Sarah, Lakshmi
119	Audio Narratives of the Bay Area	3 units	Sarah, Lakshmi
126	Sonic Geographies	4 units	Wanek, Joel
127	Geographic Film Production	4 units	Wanek, Joel
128	Short-form Video for Place-based Storytelling	3 units	Sarah, Lakshmi
129	Ocean Worlds	3 units	Chari, Sharad
130	Food and the Environment	4 units	Sayre, Nathan
N130	Food and the Environment	3 units	
C135	Water Resources and the Environment	3 units	Larsen, Laurel
138	Global Environmental Politics	4 units	Negrin, Diana
138	Global Environmental Politics	4 units	
147	Communicating Climate Science	3 units	Weiss, Emily Rhew, Robert
C148	Biogeography	4 units	Chambers, Jeffrey
C154	Post-Apocalyptic Botany	4 units	Kosek, Jake
C160	American Landscapes: History, Culture, and the Built Environment	4 units	Ekman, Peter Craghead, Alexander
169	Preparing for Community Engaged Research	3 units	Hobbs-Morgan, Chase
170	Racial Ecologies	3 units	Bruno, Tianna
170	Indigenous Placemaking: Removal, Reservations, Resistance	3 units	Hobbs-Morgan, Chase
170	Sonic Geographies	3 units	Wanek, Joel
170	Environmental Colonialism	3 units	Hobbs-Morgan, Chase

170	Conducting Community Engaged Research	3 units	Chase Hobbs-Morgan
170	Biodiversity on a Changing Planet	3 units	Pau, Stephanie
170	Storytelling in Place	3 units	Sarah, Lakshmi
170	Capitalism and Climate	3 units	Sayre, Nathan
172	Sonic Geographies of Oakland: A Field Exploration	4 units	Wanek, Joel
173	Conducting Community Engaged Research	3 units	Chase Hobbs-Morgan
174	Ecological Marxisms	3 units	Hobbs-Morgan, Chase
176	The State and Its Discontents	3 units	Hobbs-Morgan, Chase
178	Racial Ecologies	3 units	Bruno, Tianna
181	Urban Field Study	4 units	Lunine, Seth
182	Field Study of Buildings and Cities	4 units	Lunine, Seth
189	Visual Geography	4 units	Wanek, Joel

Geospatial Representation

80	An Introduction to Geospatial Technologies: Mapping, Space and Power	4 units	Barrera de la Torre, Geronimo Wilmott, Clancy Isom, John
85	Mapping: Space, Cartography and Power	4 units	Wilmott, Clancy
103	Virtual Worlds: Games, Play and Geography	4 units	Fraser, Emma
117	Writing the World	3 units	Sarah, Lakshmi
126	Sonic Geographies	4 units	Wanek, Joel
127	Geographic Film Production	4 units	Wanek, Joel
161	Rethinking Latin American Geographies Through Social Mapping	4 units	Barrera de la Torre, Geronimo
169	Preparing for Community Engaged Research	3 units	Hobbs-Morgan, Chase
170	Sonic Geographies	3 units	Wanek, Joel
170	Indigenous Placemaking: Removal, Reservations,	3 units	Hobbs-Morgan,

	Resistance		Chase
170	Writing the World	3 units	Sarah, Lakshmi
170	Conducting Community Engaged Research	3 units	Chase Hobbs-Morgan
172	Sonic Geographies of Oakland: A Field Exploration	4 units	Wanek, Joel
173	Conducting Community Engaged Research	3 units	Chase Hobbs-Morgan
183	Cartographic Representation	5 units	Isom, John Wilmott, Clancy
185	Earth System Remote Sensing	3 units	Chambers Jeffrey
C188	Geographic Information Systems	4 units	Liang, Lu
189	Visual Geography	4 units	Wanek, Joel