




## Geography

*Geography majors must also take the one-unit depth experience courses when offered.*


### LOWER DIVISION


 **GEOG 105. Human Geography** (3). Analyze selected landscapes, regions, and group characteristics resultant from interaction of human societies with various environments. [DCG-n. GE.]

 **GEOG 106. Physical Geography** (3). Global patterns of climate, soils, vegetation. Landform geography. Climate regions defined on basis of physical environmental and agricultural land-use parameters. *Majors must also take GEOG 106L.* [GE.]

 **GEOG 106L. Physical Geography Laboratory** (1). Introduction to physical earth processes through laboratory and field exercises. [Coreq: GEOG 106. Rep once. GE.]

### UPPER DIVISION

 **GEOG 300. Global Awareness** (3). Analyze current world conflicts and problem areas. Spatial, social, economic, political, and environmental realities. [DCG-n. GE.]

 **GEOG 301 / ESM 301. International Environmental Issues & Globalization** (3). Cross-disciplinary examination of economic development, world regions, population trends, resource exploitation, sustainability, impact of resource extraction in key world locations, and increasing global environmental connectivity, integration, and interdependence. [GE.]

**GEOG 302. Global Ecology & Biogeography** (3). This course examines past and present geographic distributions of plants, animals, and other organisms. Biogeography is integrative and unites concepts and techniques from ecology, evolutionary biology, geology, and geography. [Prereq: GEOG 106 and junior standing or greater. GE.]

**GEOG 302M. Global Ecology & Biogeography Depth Experience** (1). This course will provide in-depth exploration of methodologies, data, and discussions of recent research on global ecology and biogeography. [Coreq: GEOG 302.]

**GEOG 304 / ES 304. Migrations & Mosaics** (3) **F.** Role of international and internal migrations in shaping American population and society. Study of full range of ethnic mosaics. *Majors must also take GEOG 304M when offered.* [DCG-d. GE.]


**GEOG 304M. Migrations & Mosaics Depth Experience** (1). Engage in hands-on field experiences to provide opportunities to demonstrate mastery of course materials and application of concepts to "real-world" situations. [Coreq: GEOG 304. Rep once.]


**GEOG 308. Social Justice and the Environment in Africa** (3). Study of contemporary Africa through the themes of social justice and the environment. Natural phenomena/ecology, natural resource industries, conservation projects/reserves, water, food, urban environment, climate change, technologies, traditional medicine. [GE. Taught in Africa.]


**GEOG 310L. Geographic Research Laboratory** (1). Introduction to geographic research techniques using software and internet resources. [Coreq: GEOG 311. Rep once.]


**GEOG 311. Geographic Research & Writing** (3). Overview of discipline and profession. Use of library resources, research tools. Emphases: geographic methodologies, academic writing, presenting. Research paper and presentation on regional topic.


**GEOG 319. Emergence of the Modern Middle East** (4). This interdisciplinary course explores the Middle East through the disciplines of history and geography utilizing a wide variety of assignments and primary and secondary sources.

 **GEOG 322. California** (3). Spatial interpretation of economic, political, social, and physical forces at work to forge California. Behavioral aspects of processes leading to change. *Majors must also take GEOG 322M when offered.*

 **GEOG 322M. California Depth Experience** (1). Embedded writing and literature workshop resulting in two book reports. Students also participate in structured field experience. [Coreq: GEOG 322. Rep once.]

 **GEOG 332. Geography of the Mediterranean** (3). Its role in history and contemporary issues. Emphasis on underlying cultural and ecological unity despite differences of politics, economics, and religion.

 **GEOG 335. Geography of the Middle East** (3). Peoples, cultures, landscapes, and political economy. Traditional Islamic civilization; impact of colonialism; contemporary issues. *Majors must also take GEOG 335M when offered.*

 **GEOG 335M. Geography of the Middle East Depth Experience** (1). Explore course topics in greater depth through a combination of writing assignments, poster creation, film and field exercises. [Coreq: GEOG 335. Rep once.]

**GEOG 352. Regional Climatology** (3). Nature of world's regional climates; tropospheric and oceanic circulation influence; orographic effects, large-scale weather disturbances. *Majors must also take GEOG 352M when offered.* [Prereq: GEOG 106 or equivalent.]


**GEOG 352M. Regional Climatology Depth Experience** (1). One hour per week of precipitation and temperature data collection and analysis, detailed discussion, and collaborative assignments to examine the earth's climate system on a detailed scale. [Coreq: GEOG 352. Rep once.]


**GEOG 353. Mountain Geography** (3). Mountain environments: origins; typical landforms; weather/climate influences; vegetation stratification; adaptations of animals/plants to altitude. *Majors must also take GEOG 353M when offered.*


**GEOG 353M. Mountain Geography Depth Experience** (1). Embedded data-driven research paper utilizing department format requirements, including a literature review, thesis, archival research, IMF databases, source analysis, graphics, and peer editing. [Coreq: GEOG 353. Rep once.]


**GEOG 357. Climate, Ecosystems & People** (3). This course will examine impacts of recent climate change on ecosystems and landscapes with primary case studies from North America and global syntheses. [Prereq: GEOG 106. Rec: junior standing and introductory physical geography (e.g. GEOG 106) or related course are important prerequisites.]

**GEOG 357M. Climate, Ecosystems & People Depth Experience** (1). This one-unit course is designed to provide in-depth experience with the topics covered in the companion course GEOG 357: Climate, Ecosystems & People. [Coreq: GEOG 357.]

 **GEOG 360. Geography of the World Economy** (3). Organization of economic space. Production levels, locational analysis, economic development, world trade. Focus: globalization of economic processes.

 **GEOG 363. Political Geography** (3). World survey of spatial variation and interrelationships of political phenomena within a political region.

 **GEOG 363M. Political Geography Depth Experience** (1). This seminar-style course explores topics from GEOG 363: Political Geography in greater depth through a combination of viewing feature films from various parts of the world, reflective writing, and seminar-style discussion. [Coreq: GEOG 363.]

 **GEOG 365 / PSCI 365. Political Ecology** (4). Combines elements of human ecology and political economy to examine environmental degradation, conflict and conservation. Examines social movements. [Rep once.]




**GEOG 375. Geography of Tibet & the Himalaya** (3). Explores the physical and cultural geography of Tibet and the Himalaya while addressing critical environmental, cultural, economic and geopolitical issues. Uses a regional approach to examine the diversity and complexity of these landscapes and to identify the important elements that define their sense of place in a rapidly changing world.

**GEOG 387 / ANTH 387 / ECON 387 / HIST 387 / INTL 387 / PSCI 387. International Education Colloquium** (1). Earn credit by attending International Education Week events and participating in an online discussion forum. Mandatory pre-event meeting. [CR/NC. Rep once.]

**GEOG 411. Senior Field Research** (4). Techniques of field observation, sampling, and analysis using mapping procedures and the interview. Focus on a particular field problem with report writing as part of the experience. [Prereq: GSP 101 (C) and GSP 101L (C), or old GEOG 216; GEOG 311 (C); or IA. Rep twice.]

**GEOG 469. Geography Field Experience** (1-4). Particular area analyzed in depth by field observation. Possible areas: California, Mexico, Western Canada, Western Europe, the Northwest. Living/transportation costs borne by student. [Prereq: IA. Rep.]

**GEOG 470. Topics in Geography for Teachers** (3) **F.** Prospective teachers develop materials and resources that can be applied in classrooms. Use case studies developed by national and state

 sustainability-focused;  sustainability-related;  activ activity; [C] may be concurrent; coreq corequisite(s); CR/NC mandatory credit/no credit; DA dept approval; disc discussion;


geographic educational alliances. [Prereq: teacher credential candidate or IA.]


**GEOG 471. Topics in Systematic Geography** (1-4). Use established methods of geographic inquiry. [Prereq: IA. Rep.]

**GEOG 471M. Topics in Systematic Geography Depth Experience** (1). Explore course topics in greater depth through a combination of writing assignments, poster creation, film and field exercises. [Coreq: GEOG 471. Rep once.]

**GEOG 472. Topics in Regional Geography** (1-4). Specialized consideration of selected world regions. [Rep.]

**GEOG 472M. Topics in Regional Geography Depth Experience** (1). Explore course topics in greater depth through a combination of writing assignments, poster creation, film and field exercises. [Coreq: GEOG 472. Rep once.]

 **GEOG 473. Topics in Advanced Physical Geography** (1-4). Worldwide climatological, landform, and/or water resource situations as they affect human activities on a regional basis. [Prereq: GEOG 106. Rep.]

 **GEOG 473M. Topics in Physical Geography Depth Experience** (1). Explore course topics in greater depth through a combination of writing assignments, poster creation, film and field exercises. [Coreq: GEOG 473. Rep once.]

**GEOG 491. Educational Assistance** (1-3). Advanced majors gain experience as teaching assistants working with a diverse body of students. [Prereq: IA.]

**GEOG 499. Directed Study** (.5-4). Selected problems. [Rep.]

## GRADUATE

**GEOG 690. Thesis** (1-6). Guided investigation of research problem culminates in thesis written in compliance with HSU standards. [Prereq: grad standing, IA. Rep.]

**GEOG 699. Directed Graduate Study** (1-3). Directed study for master's candidates in social sciences wishing to emphasize geography. [Prereq: work in geography equivalent to department's lower division program, and IA. Rep.]