Geography

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

LOWER DIVISION

GEOG 100. Critical Thinking: Technology and the Digital World [3]. Develop critical thinking skills and analytical reasoning through the investigation of privacy, security, new content, and location-aware services in mobile and web-based technologies. [A-LD.]

GEOG 105. Human Geography [3]. Analyze selected landscapes, regions, and group characteristics resulting from interaction of human societies with various environments. [DCG-n. D-LD.]

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. [B-LD.]

GEOG 106L. Physical Geography Laboratory [1]. Introduction to physical earth processes through laboratory and field exercises. [Coreq: GEOG 106. Rep once. B-LD.]

GEOG 300. Global Awareness [3]. Analyze current world conflicts and problem areas. Social, political, economic, environmental, and environmental realities. [DCG-n. D-U.D.]

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. [D-U.D.]

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, evolution, biology, and geography. [Prereq: GEOG 106 and junior standing or greater: B-LD.]

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]. 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. D-U.D.]

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


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 323. 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 325. Geography of the Middle East [3]. Peoples, cultures, landscapes, and political economy. Traditional Islamic civilization; impact of colonialism; contemporary issues.

GEOG 325. Weather, Climate, and Natural Hazards [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 352 or equivalent.]

GEOG 352. Weather, Climate, and Natural Hazards Depth Experience [1]. Data analysis related to major themes in climate, weather, and natural hazards, with focus on recent phenomena. [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 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 376. Tibet and 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. [DCG-n.]


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.]

Sustainability-focused; 1 sustainability-related; A B C D E general education areas; active activity; (C) may be taken concurrent; coreq corequisite(s); CR/NC mandatory credit/no credit; disc discussion; DGC diversity & common ground; d domestic, n non-domestic; IA instructor approval; test lecture; LL lower division; prereq prerequisite; rec recommended preparation; rep repeatable for credit; UD upper division
GEOG 470. Topics in Geography for Teachers (3). Prospective teachers develop materials and resources that can be applied in classrooms. Use case studies developed by national and state geographic educational alliances. [Prereq: teacher credential candidate or IA.]


GEOG 471M. Topics in Human 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 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 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.]