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 resulting 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.]

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 material 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 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 processes 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). Analysis 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 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). One-credit course designed to provide in-depth experience with the topics covered in the companion course GEOG 357. [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 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 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.

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

GEOG 499. Directed Study [0.5-4]. 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.]