See Course Description Symbols and Terms (https://catalog.csuchico.edu/academic-standards-policies/course-description-symbols-terms/) for an explanation of course description terminology and symbols, the course numbering system, and course credit units.

GEOG 101  Earth Systems and Physical Geography  3 Units GE
Prerequisite: Recommended: High school biology, chemistry, or physics.
Typically Offered: Spring, summer, fall
This course is a survey of the basic processes that determine flows of energy through the atmosphere and examines the subsequent interactions among water, landforms, soil, and vegetation that create and modify the surface of the earth. Students develop a recognition of landscape patterns, as well as an understanding of the physical, chemical, and biological principles and functions that create those patterns, in order to understand the natural environment in which we live and the role of humans affecting that environment. 2 hours activity, 2 hours lecture. (003857)
General Education: Laboratory Activity (B3); Physical Science (B1)
Grade Basis: Graded
Repeatability: You may take this course for a maximum of 3 units

Course Attributes: Lower Division; Sustainable Course

GEOG 102  Peoples, Places, and Environments  3 Units GC, GE
Typically Offered: Fall and spring
Survey of human populations and activities, with an emphasis upon how social, economic, political, and religious institutions influence interrelationships with the physical environment. 3 hours lecture. (003859)
General Education: Social Sciences (D)
Grade Basis: Graded
Repeatability: You may take this course for a maximum of 3 units

Course Attributes: Lower Division; Global Cultures

GEOG 105  California Cultural Landscapes  3 Units GE, USD
Typically Offered: Fall and spring
Broad overview of spatial and temporal changes in the California landscape resulting from the interaction of various cultural groups with their environment. 3 hours lecture. (003860)
General Education: Social Sciences (D)
Grade Basis: Graded
Repeatability: You may take this course for a maximum of 3 units

Course Attributes: Lower Division; Sustainable Course; US Diversity

GEOG 106  American West Decolonized  3 Units GE, USD
Typically Offered: Fall and spring
Re-interpret the diverse environmental and cultural geography of the American West through the comparative lens of human-environmental relationships. Identify the unique influence of Indigenous and settler cultures in shaping the western landscapes. Be inspired by traditional practices being reapplied through diverse partnerships and Indigenous leadership to address social and environmental issues. Recognize sustainable solutions to become an engaged citizen of place through reciprocity and reconciliatory practices. 3 hours lecture. (003861)
General Education: Social Sciences (D)
Grade Basis: Graded
Repeatability: You may take this course for a maximum of 3 units

Course Attributes: Lower Division; US Diversity

GEOG 111  Introduction to Geographic Methods  3 Units
Typically Offered: Fall only
Introduction to essential geographic problem solving techniques which include: data collection, analysis, and presentation of spatial information. Techniques include map measurement and interpretation, aerial photo analysis, field observations with GPS, introductory geographic information systems, computer cartography, summary of numerical data, elementary probability, distributions, and introduction to statistical inference. This is an introductory tools course for students majoring in geography, the natural and earth sciences, and in such applied fields as planning and recreation. Several software analysis packages are introduced. 3 hours lecture. (015867)
Grade Basis: Graded
Repeatability: You may take this course for a maximum of 3 units

Course Attributes: Lower Division

GEOG 119A  Introductory ArcGIS  1 Unit
Typically Offered: Fall and spring
Introduction of concepts and techniques of geographic information system analysis and the presentation of map data. The course introduces the ArcMap application. Not for geography majors. 1 hour lecture. (020348)
Grade Basis: Graded
Repeatability: You may take this course for a maximum of 2 units

Course Attributes: Lower Division

GEOG 139  Visualizing Local Landscapes  3 Units GE
Typically Offered: Fall and spring
Cultural landscapes are works of the human imagination, and thus can be examined via complementary visual media representing our deepest feelings, beliefs, and intuition about a place. They are a palimpsest that contains the etchings that past and present cultures have inscribed on Earth’s surface. Cultural landscapes teem with information about the relationship between different cultures and the physical world, the relationships between privileged and marginalized communities, and, also, reflect how cultures change through time. This course develops a student’s appreciation of cultural landscapes by exploring and creating visual media representations using the landscapes of the Greater Chico area. This course acknowledges the wholeness of nature and human experiences in the world, a consciousness approach to viewing, interpreting, and representing landscapes. Students read about, observe, illustrate, and think about local landscapes. 3 hours lecture. (022233)
General Education: Arts (C1)
Grade Basis: Graded
Repeatability: You may take this course for a maximum of 3 units

Course Attributes: Lower Division

GEOG 198  Special Topics  1-3 Units
Typically Offered: Fall and spring
This course is for special topics offered for 1.0-3.0 units. Typically the topic is offered on a one-time-only basis and may vary from term to term and be different for different sections. See the Class Schedule for the specific topic being offered. 3 hours lecture. (003869)
Grade Basis: Graded
Repeatability: You may take this course more than once

Course Attributes: Lower Division
GEOG 199  Special Problems  1-3 Units
Prerequisite: Faculty permission.
Typically Offered: Fall and spring
This course is an independent study of special problems offered for 1.0-3.0 units. You must register directly with a supervising faculty member. 3 hours supervision. (020160)
Grade Basis: Credit/No Credit
Repeatability: You may take this course for a maximum of 6 units
Course Attributes: Lower Division

GEOG 211  Introduction to Geographical Information Systems  3 Units
Typically Offered: Fall and spring
This course provides an introduction to topics and technology in Geographic Information Systems (GIS). The course will combine a conceptual discussion of topics with practical exercises. Both the theory and practice of GIS analysis will be presented. 3 hours lecture. (021439)
Grade Basis: Graded
Repeatability: You may take this course for a maximum of 3 units
Course Attributes: Lower Division

GEOG 301W  Global Economic Geography (W)  3 Units GC, GE, W
Prerequisite: GE Oral Communication (A1); GE Written Communication (A2); GE Critical Thinking (A3); GE Mathematics/Quantitative Reasoning (B4) requirements, or consent of the instructor.
Typically Offered: Fall and spring
A systematic survey of human economic activities. Analysis of resource exploitation and use, including agriculture, extractive activities, industry, commerce, and service functions. Recommended for business and liberal arts majors. 3 hours lecture. (021530)
General Education: Upper-Division Social Sciences (UDD); Agriculture, Food, and Environment Pathway; Equity, Ethics, and Policy Pathway
Grade Basis: Graded
Repeatability: You may take this course for a maximum of 3 units
Course Attributes: Upper Division; Global Cultures; Writing Course

GEOG 303  Geography and World Affairs  3 Units GC, GE
Prerequisite: GE Oral Communication (A1); GE Written Communication (A2); GE Critical Thinking (A3); GE Mathematics/Quantitative Reasoning (B4) requirements, or consent of the instructor.
Typically Offered: Spring, summer, fall
Geography in the news. Analysis of current world conflicts and problem areas, with an emphasis upon examination of social, economic, political, and environmental realities. 3 hours lecture. (003872)
General Education: Upper-Division Social Sciences (UDD); Global Studies Pathway; Science, Technology, and Society Pathway
Grade Basis: Graded
Repeatability: You may take this course for a maximum of 3 units
Course Attributes: Upper Division; Global Cultures

GEOG 304  Sustainability and Resilience  3 Units GE
Prerequisite: GE Oral Communication (A1); GE Written Communication (A2); GE Critical Thinking (A3); GE Mathematics/Quantitative Reasoning (B4) requirements, or consent of the instructor.
Typically Offered: Fall and spring
Geographic analysis of humanity’s interaction with the environment. Examines natural and human systems, resources, population, energy, and pollution. Develops an appreciation of the beauty, balance, and complexity of natural systems and human success in attaining harmony with them. Enhances awareness and perception of each individual’s role in and with the environment. 3 hours lecture. (003873)
General Education: Upper-Division Social Sciences (UDD); Sustainability and Climate Change Pathway
Grade Basis: Graded
Repeatability: You may take this course for a maximum of 3 units
Course Attributes: Upper Division; Sustainable Course

GEOG 305  Mobile, Wired, and Tracked: Our Digital Planet  3 Units GE
Prerequisite: GE Oral Communication (A1); GE Written Communication (A2); GE Critical Thinking (A3); GE Mathematics/Quantitative Reasoning (B4) requirements, or consent of the instructor.
Typically Offered: Fall and spring
Digital mapping, location based services, geo-tracking, crowdsourcing, citizen science and online social networks are critically examined in terms of geographic representation, geographic inquiry, individual privacy, equity, and social justice. An experiential course that develops skills in critical geospatial thinking through inquiry into and analysis of evolving geospatial technologies (e.g. geographic information systems, global positioning systems (GPS), unmanned aerial vehicles (UAVs), and satellite imagery); and explores their impact on the individual and society as they pertain to scientific, technological, social and earth science phenomena. An examination of the role of critical geospatial thinking in daily life and scientific pursuits. 3 hours lecture. (022317)
General Education: Upper-Division Social Sciences (UDD); Innovation, Design, and the Arts Pathway; Science, Technology, and Society Pathway
Grade Basis: Graded
Repeatability: You may take this course for a maximum of 3 units
Course Attributes: Upper Division

GEOG 306  Geographies of Disaster  3 Units
Typically Offered: Fall only odd years
This course adopts a geographical focus to study the impacts of natural and technological hazards at the local, regional, and global scales. The concepts of vulnerability, resilience, and risk are reviewed to examine the spatial and temporal distribution of hazards. Quantitative and qualitative data generated from geographical information systems are used to question, investigate, and draw conclusions about ideas and issues on a selected environmental hazard. In addition to class discussions and readings, students undertake a class project related to a specific disaster event where they explore the environmental, social, and policy implications of disaster preparedness and risk reduction in their project area. Students submit their findings in the form of oral presentations and written reports to practice their writing and critical thinking skills. 3 hours lecture. (003875)
Grade Basis: Graded
Repeatability: You may take this course for a maximum of 3 units
Course Attributes: Upper Division; Sustainable Course
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<tr>
<th>Course Code</th>
<th>Course Title</th>
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<th>Repeatability</th>
<th>Course Attributes</th>
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<tbody>
<tr>
<td>GEOG 313</td>
<td>Introductory Cartography</td>
<td>3</td>
<td>GEOG 211 or equivalent</td>
<td>Fall only</td>
<td>Graded</td>
<td>You may take this course for a maximum of 3 units</td>
<td>Upper Division</td>
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<tr>
<td>GEOG 315</td>
<td>Applied Statistical Methods in Geography</td>
<td>3</td>
<td>GEOG 211, MATH 105 or equivalents</td>
<td>Fall only</td>
<td>Graded</td>
<td>You may take this course for a maximum of 3 units</td>
<td>Upper Division</td>
</tr>
<tr>
<td>GEOG 320</td>
<td>Introduction to Land Use Planning</td>
<td>3</td>
<td>GEOG 211, ERTH 102, GEOG 101, PSSC 101, or PSSC 250, AGET 340, GEOG 211, GEOG 111</td>
<td>Fall only</td>
<td>Graded</td>
<td>You may take this course for a maximum of 3 units</td>
<td>Upper Division; Sustainable Course</td>
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<tr>
<td>GEOG 342</td>
<td>Geomorphology</td>
<td>3</td>
<td>GEOG 211, GEOG 101, PSSC 101, or PSSC 250, AGET 340, GEOG 211, GEOG 111</td>
<td>Fall only</td>
<td>Graded</td>
<td>You may take this course for a maximum of 3 units</td>
<td>Upper Division</td>
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<tr>
<td>GEOG 343</td>
<td>Climatology</td>
<td>3</td>
<td>ERTH 170 or GEOG 101 or equivalent</td>
<td>Fall only</td>
<td>Graded</td>
<td>You may take this course for a maximum of 3 units</td>
<td>Upper Division</td>
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<tr>
<td>GEOG 352</td>
<td>The United States</td>
<td>3</td>
<td>GE Oral Communication (A1); GE Written Communication (A2); GE Critical Thinking (A3); GE Mathematics/Quantitative Reasoning (B4) requirements, or consent of the instructor</td>
<td>Fall and spring</td>
<td>Graded</td>
<td>You may take this course for a maximum of 3 units</td>
<td>GE, USD</td>
</tr>
<tr>
<td>GEOG 357</td>
<td>Lands and Peoples of Latin America</td>
<td>3</td>
<td>GE Oral Communication (A1); GE Written Communication (A2); GE Critical Thinking (A3); GE Mathematics/Quantitative Reasoning (B4) requirements, or consent of the instructor</td>
<td>Fall and spring</td>
<td>Graded</td>
<td>Study of the physical environment, human settlement, development, and modern problems of the nations of Latin America. 3 hours lecture</td>
<td>Upper-Division Social Sciences (UDD); Equity, Ethics, and Policy Pathway</td>
</tr>
<tr>
<td>GEOG 398</td>
<td>Geography Internship</td>
<td>1-3</td>
<td>GEOG 357 Lands and Peoples of Latin America for 1.0-3.0 units. Students must register directly with a supervising faculty member. The internship provides service learning experience as a volunteer or supervisor in a campus or community environmental organization or agency. Each unit of credit requires a minimum of three hours of activity in the assigned role. 9 hours supervision</td>
<td>Fall and spring</td>
<td>Graded</td>
<td>You may take this course for a maximum of 15 units</td>
<td>Upper Division; Global Cultures</td>
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<tr>
<td>GEOG 398H</td>
<td>Special Topics - Honors</td>
<td>3</td>
<td>Junior standing and current enrollment in the Honors Program.</td>
<td>Fall and spring</td>
<td>Graded</td>
<td>You may take this course more than once</td>
<td>Upper Division</td>
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GEOG 399  Special Problems  1-3 Units
Prerequisite: Faculty permission.
Typically Offered: Fall and spring
This course is an independent study of special problems offered for
1.0-3.0 units. You must register directly with a supervising faculty
member. 3 hours supervision. (003925)
Grade Basis: Credit/No Credit
Repeatability: You may take this course for a maximum of 6 units
Course Attributes: Upper Division

GEOG 405  Conservation, Restoration, and Stewardship  3 Units
Prerequisite: GEOG 101 or equivalent. Recommended: GEOG 426,
GEOG 445 or equivalent.
Typically Offered: Fall only
Degraded ecosystems, increased species extinctions, and the climate
crisis are global challenges. Become an ecological fixer. Learn diverse
principles and practices to effectively conserve, restore and steward
ecosystems in an ever-changing world filled with complex ecological and
social interactions. Evaluate and create solutions through experiential
learning in various field locations. 3 hours lecture. (003930)
Grade Basis: Graded
Repeatability: You may take this course for a maximum of 3 units
Course Attributes: Upper Division; Sustainable Course

GEOG 407W  Earth Systems Analysis of Global Change  3 Units
(W)
Prerequisite: GE Written Communication (A2); Senior standing.
Typically Offered: Spring only
Through discussions and different styles of writing, students examine
global change and its impacts on physical environment and human
society. Students work together to understand past, current, and future
challenges, relating to physical and cultural landscapes. Students
from different backgrounds and trainings share knowledge and plan
responses to these challenges, including social vulnerability. 3 hours
lecture. (015873)
Grade Basis: Graded
Repeatability: You may take this course for a maximum of 3 units
Course Attributes: Upper Division; Sustainable Course; Writing Course;
Graduation Writing Assessment

GEOG 411  Geospatial Analysis and Modeling in GIS  3 Units
Prerequisite: GEOG 211, GEOG 313, GEOG 315 or equivalents.
Typically Offered: Spring only
Advanced geospatial analysis and modeling techniques using Geographic
Information Systems (GIS). Topics include geoprocessing, Python
programming, and geospatial modeling. Students collaborate to
design, develop, and present a GIS pilot study. They apply GIS theory
and techniques to solve problems in land and resource management,
utilities, and municipal government. Covers all stages of a GIS project:
planning, design, analysis, and presentation. 1 hour activity, 2 hours
lecture. (003942)
Grade Basis: Graded
Repeatability: You may take this course for a maximum of 3 units
Course Attributes: Upper Division

GEOG 417  Field Techniques  3 Units
Prerequisite: GEOG 101, GEOG 102, or equivalent.
Typically Offered: Fall only
Evaluate monitoring and research techniques and tools commonly used
in field-based geographic, environmental, and social studies. Collect and
analyze data to inform decision making and solutions to environmental
and social-environmental issues. 6 hours activity. (003939)
Grade Basis: Graded
Repeatability: You may take this course for a maximum of 3 units
Course Attributes: Upper Division

GEOG 418  Remote Sensing of Environment  3 Units
Prerequisite: GEOG 211; GEOG 315 or MATH 105, or equivalents.
Typically Offered: Spring only
An introduction to the theory, techniques, data acquisition, processing,
and presentation of imagery acquired through aerial photographic
and satellite means of remote sensing. Application of basic skills of
aerial photographic interpretation and satellite digital image processing
and analysis to physical and cultural geographic phenomena. 3 hours
lecture. (003941)
Grade Basis: Graded
Repeatability: You may take this course for a maximum of 3 units
Course Attributes: Upper Division

GEOG 425  Planning for Sustainable Communities and
Regions  3 Units
Typically Offered: Fall only even years
Examination of economic, social, demographic, and political bases
for sustainable community and regional development and planning.
Introduces the theory, evolution and practice of planning for sustainable
communities and regions through examination of environmental,
economic, and equity issues. 3 hours discussion. (003947)
Grade Basis: Graded
Repeatability: You may take this course for a maximum of 3 units
Course Attributes: Upper Division; Sustainable Course

GEOG 426  Sustainable Water Systems  3 Units
Prerequisite: GEOG 101 or SCED 101 or equivalents. Recommended:
GEOG 304, GEOG 343.
Typically Offered: Spring only
Water is finite, and life on Earth depends on it. Evaluating and creating
solutions to complex environmental and social interactions with water is
critical to ensuring water for all life. Draw from diverse examples of policy
and stewardship that shape sustainable practices to provide socially
and ecologically-just outcomes. Field opportunities provide insight to
regional examples of water projects, habitats, and social issues. 3 hours
seminar. (003948)
Grade Basis: Graded
Repeatability: You may take this course for a maximum of 3 units
Course Attributes: Upper Division; Sustainable Course

GEOG 427  Environmental Impact Analysis  3 Units
Prerequisite: Recommended: GEOG 320.
Typically Offered: Spring only
Study of the legal antecedents to California environmental impact
legislation; analysis of environmental review procedures, environmental
research, preparation and evaluation of EIRs, and conditional negative
declarations. 3 hours discussion. (003949)
Grade Basis: Graded
Repeatability: You may take this course for a maximum of 3 units
Course Attributes: Upper Division; Sustainable Course
Repeatability:

Ethnic diversity, gender, and consumption in shaping the experience of
and the policies used to address them. Examines the roles of class, race,
neighborhoods, central business districts, and suburbs. Explores
the evolution of urban systems and the spatial organization of
classification of cities in the United States and elsewhere. Studies
Examines the location, evolution, shape, spatial patterns, and
typically offered land use. 3 hours discussion. (003955)

Grade Basis: Graded

Repeatability: You may take this course for a maximum of 3 units

Course Attributes: Upper Division, Sustainable Course

GEOG 428  Land Use Planning Studio  3 Units
Prerequisite: Recommended: GEOG 320.
Typically Offered: Spring only odd years
Relationship of physical, biotic, cultural, and aesthetic factors to land
planning. Techniques of solving site problems dealing with topography,
grading, slope stability, seismicity, hydrology, vegetation, wildlife, soils,
and micro-climate energy use, view-shed, and functional design. Land
development projects are analyzed, and plans for new development
projects are prepared. 3 hours discussion. (003950)
Grade Basis: Graded
Repeatability: You may take this course for a maximum of 3 units
Course Attributes: Upper Division, Sustainable Course

GEOG 429  Environmental and Conservation Planning  3 Units
Prerequisite: Recommended: GEOG 320.
Typically Offered: Spring only odd years
This course introduces the theory and application of environmental
and conservation planning. It critically examines the activities of
environmental planning and the analytical approaches that can be used
to direct resources toward conservation that yields the greatest return on
biodiversity protection and ecosystem services sustainability. Students
Gain knowledge of the theories, techniques through practical experiences in
planning activities, and institutional legalities of environmental and
conservation planning. Using sustainability as a framework, this course
presents the underlying concepts of sustainable land-use planning to
best manage for abiotic and biotic resources. Focus is on the regional,
local, and landscape scales. 3 hours lecture. (020744)
Grade Basis: Graded
Repeatability: You may take this course for a maximum of 3 units
Course Attributes: Upper Division, Sustainable Course

GEOG 436  Sustainable Transportation Planning  3 Units
Prerequisite: GEOG 320, or faculty permission.
Typically Offered: Fall only odd years
An analysis of the function and distribution of the various modes
of transportation and their role in urban and regional sustainable
development. Techniques of sustainable planning transportation systems
based on land use. 3 hours discussion. (003955)
Grade Basis: Graded
Repeatability: You may take this course for a maximum of 3 units
Course Attributes: Upper Division

GEOG 438  Urban Geography  3 Units
Prerequisite: GEOG 102, GEOG 105, GEOG 106 or SOCS 301.
Typically Offered: Spring only
Examines the location, evolution, shape, spatial patterns, and
classification of cities in the United States and elsewhere. Studies
the evolution of urban systems and the spatial organization of
neighborhoods, central business districts, and suburbs. Explores
environmental, economic, and social issues associated with urbanization,
and the policies used to address them. Examines the roles of class, race,
ethnic diversity, gender, and consumption in shaping the experience of
urban life. 3 hours lecture. (021163)
Grade Basis: Graded
Repeatability: You may take this course for a maximum of 3 units
Course Attributes: Upper Division

GEOG 439W  American Cultural Landscapes (W)  3 Units
Typically Offered: Fall only
American Cultural Landscapes are wonderfully complex mélanges of
diverse materials, technologies and ideas. Students explore the
historical evolution of cultural landscapes through maps, reading,
photography, field observations, and class discussion. Students develop
their observational skills and learn how enjoyable and meaningful looking
at landscapes can be. 3 hours discussion. (003890)
Grade Basis: Graded
Repeatability: You may take this course for a maximum of 3 units
Course Attributes: Upper Division, Writing Course

GEOG 440  Environmental Thought in Action  3 Units
Typically Offered: Spring only
This seminar is required of students minoring in Environmental Studies
and is to be taken as the culminating course in the minor. The course
integrates the cross-disciplinary elements of the minor, emphasizing the
interplay among the scientific, social, legal, historical, and humanistic
elements of the study of the environment. 3 hours seminar. (009080)
Grade Basis: Graded
Repeatability: You may take this course for a maximum of 3 units
Course Attributes: Upper Division, Sustainable Course

GEOG 444  Biogeography and Landscape Ecology  3 Units
Prerequisite: GEOG 101, GEOG 211, GEOG 343, GEOG 390W or
Typically Offered: Inquire at department
Biogeography and landscape ecology are keys for evaluating plant
and animal distributions at local to global spatial scales. This course seeks to
understand the physical and biological processes that determine these
patterns through time, as well as help design management strategies for
conserving our planet’s biological diversity, and thus ecosystem
services. This course emphasizes nature and impact of continuity and
patchiness of species distributions and movement, and material flow
on the structure and dynamics of wildland, agrarian, and urbanized
landscapes. This is thus a highly integrative field of inquiry, pulling on
concepts, theories and data from general ecology, evolutionary biology,
geology, and physical and human geography. Quantitative methods and
field trips consider the biogeography of plants and animals in the local
landscapes. 2 hours activity, 2 hours lecture. (003929)
Grade Basis: Graded
Repeatability: You may take this course for a maximum of 3 units
Course Attributes: Upper Division, Sustainable Course

GEOG 445  Pyrogeography  3 Units
Prerequisite: GEOG 101 or equivalent.
Typically Offered: Spring only
Pyrogeography is a comprehensive study of the physical and cultural
parameters of fire. Topics covered include the spatial and temporal
relationships of fire as an integral landscape process with an emphasis
on the maintenance of North American ecosystems; the interpretation of
the cultural uses of fire by indigenous communities as well as the historic
and contemporary implications of fire management and policies; and
the ecological implications of fire on biotic and abiotic systems. 3 hours
discussion. (020415)
Grade Basis: Graded
Repeatability: You may take this course for a maximum of 3 units
Course Attributes: Upper Division, Sustainable Course
<table>
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<tbody>
<tr>
<td>GEOG 489</td>
<td>Geography Internship</td>
<td>1-3 Units</td>
<td>Fall and spring</td>
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<td>Grade Basis: Graded</td>
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<td>Course Attributes: Upper Division</td>
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<td>This course is an internship offered for 1.0-3.0 units. You must register directly with a supervising faculty member. Supervised work experience in applied geography or planning in public or quasi-public agencies. 9 hours supervision. (003992)</td>
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<td>Grade Basis: Graded</td>
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<td>Course Attributes: Upper Division</td>
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<tr>
<td>GEOG 498</td>
<td>Special Topics</td>
<td>1-3 Units</td>
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<td>Grade Basis: Graded</td>
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<td>Course Attributes: Upper Division</td>
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<td>Prerequisite: Completion of 6 units of geography.</td>
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<td>Grade Basis: Graded</td>
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<td>Course Attributes: Upper Division</td>
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<td>Typically Offered: Fall and spring</td>
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<td>Grade Basis: Credit/No Credit</td>
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<td>Course Attributes: Upper Division</td>
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<tr>
<td>GEOG 499</td>
<td>Special Problems</td>
<td>1-3 Units</td>
<td>Fall and spring</td>
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<td>Grade Basis: Graded</td>
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<td>Course Attributes: Upper Division</td>
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<td></td>
<td>Prerequisite: Faculty permission.</td>
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<td>Grade Basis: Credit/No Credit</td>
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<td>GEOG 499H</td>
<td>Honors Research in Geography</td>
<td>3 Units</td>
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<td>Course Attributes: Upper Division</td>
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<td>Prerequisite: Faculty permission.</td>
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<td>Grade Basis: Graded</td>
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<td>Course Attributes: Upper Division</td>
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<tr>
<td>GEOG 506</td>
<td>Community Service Practice in Sustainability</td>
<td>3 Units</td>
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<td>Grade Basis: Graded</td>
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<td>Course Attributes: Upper Division</td>
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<tr>
<td>GEOG 598</td>
<td>Special Topics</td>
<td>1-3 Units</td>
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<td>Grade Basis: Graded</td>
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<td>Course Attributes: Upper Division</td>
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<tr>
<td>GEOG 599</td>
<td>Special Problems</td>
<td>1-3 Units</td>
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<td>Grade Basis: Graded</td>
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<td>Course Attributes: Upper Division</td>
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<tr>
<td>GEOG 599H</td>
<td>Honors Research in Geography</td>
<td>3 Units</td>
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<td>GEOG 689</td>
<td>Geography Internship</td>
<td>1-3 Units</td>
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<td>GEOG 689T</td>
<td>Supervised College Teaching</td>
<td>2 Units</td>
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<td>GEOG 697</td>
<td>Independent Study</td>
<td>1-3 Units</td>
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<td>Grade Basis: Graded</td>
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GEOG 699P  Master's Project  1-6 Units
Prerequisite: Graduate Coordinator permission and candidacy status.
Typically Offered: Fall and spring
This course is offered for 1.0-6.0 units. You must register directly with a supervising faculty member. 9 hours supervision.  (004064)
Grade Basis: Report in Progress: CR/NC
Repeatability: You may take this course for a maximum of 6 units
Course Attributes: Graduate Division

GEOG 699T  Master's Thesis  1-6 Units
Prerequisite: Graduate Coordinator permission and candidacy status.
Typically Offered: Fall and spring
This course is offered for 1.0-6.0 units. You must register directly with a supervising faculty member. 9 hours supervision.  (004061)
Grade Basis: Report in Progress: CR/NC
Repeatability: You may take this course for a maximum of 6 units
Course Attributes: Graduate Division