DEPARTMENT OF ANTHROPOLOGY AND GEOGRAPHY

Courses

Subjects in this department include: Anthropology (ANTH) and Geography (GR).

Anthropology (ANTH)

ANTH 100 Introductory Cultural Anthropology (GT-SS3) Credits: 3 (3-0-0)
Course Description: Human societies and their cultural setting; variation in beliefs, social customs, and technologies; human differences in anthropological terms.
Prerequisite: None.
Registration Information: Sections may be offered: Online.
Terms Offered: Fall, Spring.
Grade Mode: Traditional.
Special Course Fee: No.
Additional Information: Social & Behavioral Sciences 3C, Human Behavior, Culture, or Social Frameworks (GT-SS3).

ANTH 101 Practicing Anthropology Credit: 1 (0-0-1)
Course Description: Familiarizes majors with the sub-fields of anthropology and provides an overview via practical exercises of foundational skills necessary for success in the anthropology major, CSU, and beyond. Topics include critical thinking and writing, conducting research, scholarly communication, and professional career development, with attention to how these apply to anthropology in particular.
Prerequisite: None.
Registration Information: Anthropology majors only. Sections may be offered: Online.
Terms Offered: Fall, Spring.
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 120 Human Origins and Variation (GT-SC2) Credits: 3 (3-0-0)
Course Description: Human societies and their cultural setting; variation in beliefs, social customs, and technologies; human differences in anthropological terms.
Prerequisite: None.
Registration Information: Mixed face-to-face is a partial semester course. Sections may be offered: Online. Credit not allowed for both ANTH 180A1 and ANTH 120.
Terms Offered: Fall, Spring.
Grade Mode: Traditional.
Special Course Fee: No.
Additional Information: Biological & Physical Sciences 3A, Natural & Physical Sciences w/o lab (GT-SC2).

ANTH 121 Human Origins and Variation Laboratory (GT-SC1) Credit: 1 (0-2-0)
Course Description: Labs demonstrating genetic and evolutionary processes, comparative skeletal anatomy, human evolution through fossil casts, and modern human variation.
Prerequisite: ANTH 120, may be taken concurrently.
Registration Information: Sections may be offered: Online.
Terms Offered: Fall, Spring, Summer.
Grade Mode: Traditional.
Special Course Fee: Yes.
Additional Information: Biological & Physical Sciences 3A, Natural & Physical Sciences w/ lab (GT-SC1).

ANTH 140 Introduction to Archaeology (GT-HI1) Credits: 3 (3-0-0)
Course Description: Origins of human society from the Stone Age to urban civilization using architecture, art, tools, and other material remains.
Prerequisite: None.
Registration Information: Sections may be offered: Online.
Terms Offered: Fall, Spring, Summer.
Grade Mode: Traditional.
Special Course Fee: No.
Additional Information: Historical Perspectives 3D, History (GT-HI1).

ANTH 150 Imagining Sustainability Credits: 3 (3-0-0)
Also Offered As: ESS 150.
Course Description: Science alone cannot imagine the revolutionary changes necessary to sustain future life on our planet. Explore key concepts and practices of sustainability as represented in contemporary fiction, film, and the news media. Interdisciplinary approach will be anthropological and historical, charting the development of sustainability thinking through different epochs of capitalism.
Prerequisite: None.
Registration Information: Credit allowed for only one of the following: ANTH 150, ANTH 181A1, ESS 150, or ESS 181A1.
Term Offered: Fall.
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 200 Cultures and the Global System (GT-SS3) Credits: 3 (3-0-0)
Course Description: Analyze diversity of smaller-scale societies, and cultural responses and adaptations to emerging global trends.
Prerequisite: None.
Registration Information: Sections may be offered: Online.
Terms Offered: Fall, Spring.
Grade Mode: Traditional.
Special Course Fee: No.
Additional Information: Diversity, Equity, & Inclusion 1C, Human Behavior, Culture, or Social Frameworks (GT-SS3).

ANTH 225 Anthropology of the Arts Credits: 3 (3-0-0)
Course Description: Explores the arts (both visual and performing) from the perspective of cultural anthropology. What is art and how is the category differently constructed cross-culturally? Why and how do people make, consume, and identify with expressive culture? How can the visual and performing arts help us to develop a deeper understanding of how human beings make meaning? Read a variety of ethnographic texts that illuminate these and related questions.
Prerequisite: None.
Term Offered: Fall (odd years).
Grade Mode: Traditional.
Special Course Fee: No.
ANTH 232 Soundscapes-Music as Human Practice Credits: 3 (3-0-0)
Also Offered As: MU 232.
Course Description: Musical communities and soundscapes from around the world provide exploration points for how music and sound inform human life. Study everything from playlists to music of distant lands. Ability to read notated music not required.
Prerequisite: None.
Registration Information: Previous music experience not required. Credit allowed for only one of the following: ANTH 232, MU 232, or MU 280A2.
Grade Mode: Traditional.
Special Course Fee: No.
Additional Information: Social & Behavioral Sciences 3C.

ANTH 235 Indigenous Peoples of North America Credits: 3 (3-0-0)
Course Description: Explores Native groups of North America from an anthropological perspective, and utilizes a culture area framework as a basis for investigation. Culture area framework is largely based on historical material—how these people have lived in the recent past. Evaluating how these groups live in the present. Contemporary issues, globalization, and local responses to local concerns.
Prerequisite: None.
Registration Information: Sections may be offered: Online. Credit not allowed for both ANTH 235 and ANTH 280A2.
Terms Offered: Fall, Spring, Summer.
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 240 Museum and Cultural Heritage Studies Credits: 3 (3-0-0)
Course Description: Introduction to basic theory and organization of museums and cultural heritage sites including their history, their role in society as places of preservation and education, exhibitions and interpretation, and the relationship between museums and cultural heritage sites and the communities they serve. Emphasis on defining the role of anthropology in today's museums and cultural heritage sites and multidisciplinary approaches to curation.
Prerequisite: None.
Registration Information: Required field trips. Sections may be offered: Online. Credit not allowed for both ANTH 240 and ANTH 281A2.
Term Offered: Fall.
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 260 Introduction to Field Archaeology Credits: 2 (1-2-0)
Course Description: Field methods including map preparation and interpretation, site location and recording, site excavation, and stratigraphy.
Prerequisite: ANTH 140.
Registration Information: Must register for lecture and laboratory.
Term Offered: Summer.
Grade Mode: Instructor Option.
Special Course Fee: No.

ANTH 274 Human Diversity (GT-SC2) Credits: 3 (3-0-0)
Course Description: Explore human diversity, both physical and genetic, within an evolutionary framework. The scientific method is applied to the sociocultural contexts that give rise to prejudices in order to critically evaluate misconceptions regarding race, gender, and human behaviors deemed 'natural'. Approaching human diversity from an evolutionary perspective dismantles biases that justify prejudice and result in unequal access to power and resources as well as negative health impacts.
Prerequisite: None.
Terms Offered: Fall, Spring.
Grade Mode: Traditional.
Special Course Fee: No.
Additional Information: Biological & Physical Sciences 3A, Natural & Physical Sciences w/o lab (GT-SC2).

ANTH 275 Introduction to Forensic Anthropology Credits: 3 (3-0-0)
Also Offered As: SOC 275.
Course Description: Forensic anthropological theory and methods including estimation of age-at-death, sex, stature, ancestry, and trauma analysis.
Prerequisite: None.
Registration Information: Credit not allowed for both ANTH 275 and SOC 275. Sections may be offered: Online.
Term Offered: Fall.
Grade Mode: Traditional.
Special Course Fee: Yes.

ANTH 295 Independent Study Credits: Var[1-3] (0-0-0)
Course Description: 
Prerequisite: None.
Terms Offered: Fall, Spring, Summer.
Grade Mode: Instructor Option.
Special Course Fee: No.

ANTH 310 Peoples and Cultures of Africa Credits: 3 (3-0-0)
Course Description: Sub-Saharan lifestyles including marriage and family, traditional government, religion and magic, ecology and economy, art, music, and literature.
Prerequisite: ANTH 100.
Term Offered: Spring (even years).
Grade Modes: S/U within Student Option, Trad within Student Option.
Special Course Fee: No.

ANTH 312 Modern Indian Culture and Society Credits: 3 (3-0-0)
Course Description: Anthropological contributions to the understanding of contemporary India.
Prerequisite: ANTH 100 or ANTH 200.
Term Offered: Spring (odd years).
Grade Modes: S/U within Student Option, Trad within Student Option.
Special Course Fee: No.

ANTH 313 Modernization and Development Credits: 3 (3-0-0)
Course Description: Processes by which cultures change and modernize, 1989 to the present.
Prerequisite: ANTH 100 or ANTH 200.
Registration Information: Sections may be offered: Online.
Term Offered: Fall, Spring, Summer.
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 314 Southeast Asian Cultures and Societies Credits: 3 (3-0-0)
Prerequisite: ANTH 100 or ANTH 200.
Grade Mode: Traditional.
Special Course Fee: No.
ANTH 315 Global Mobilities—The African Diaspora  Credits: 3 (3-0-0)
Course Description: Globalization and transnationalism with a focus on the circulation of people, ideas, and cultural products and practices between Africa and the rest of the world. By situating Africans as both producers and consumers of transnational ideas and products, we will develop an understanding of Africa beyond popular representations of violence and crisis.
Prerequisite: ANTH 100 or ANTH 200 or GR 100 or SOC 100.
Registration Information: Optional standing.
Term Offered: Spring (odd years).
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 317 Anthropology of Human Rights  Credits: 3 (3-0-0)
Course Description: Human rights from the perspective of cultural anthropology through its theoretical and practical dimensions. Contemporary human rights debates within the context of cultural plurality in a globalized world. Engages the intersection between global dynamics and community experiences by addressing the human rights dimensions of refugees and migration, indigenous communities, women and children, health, religious practices, among others.
Prerequisite: ANTH 100 or ANTH 200.
Registration Information: Offered as an online course only.
Terms Offered: Fall, Spring, Summer.
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 319 Cultural Change  Credits: 3 (3-0-0)
Course Description: Cultural change and effects of directed global forces; colonial origins of underdevelopment on small-scale societies.
Prerequisite: ANTH 100 or ANTH 200.
Term Offered: Fall (odd years).
Grade Mode: S/U within Student Option, Trad within Student Option.
Special Course Fee: No.

ANTH 320 The Anthropology of Religion  Credits: 3 (3-0-0)
Course Description: Major anthropological theories and descriptions of religious beliefs and practices. Religion in a cross-cultural and evolutionary perspective.
Prerequisite: ANTH 100 or ANTH 200.
Term Offered: Fall (odd years).
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 321 Human Ecology  Credits: 3 (3-0-0)
Course Description: Roles of technology, economics, social organization, and ideology in human adaptations to and survival in natural and cultural environments.
Prerequisite: (ANTH 100 or ANTH 200) and (ANTH 120 or BZ 101 or LAND 220 or LIFE 220).
Registration Information: Sections may be offered: Online.
Term Offered: Fall (even years).
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 322 The Anthropology of Religion  Credits: 3 (3-0-0)
Course Description: Major anthropological theories and descriptions of religious beliefs and practices. Religion in a cross-cultural and evolutionary perspective.
Prerequisite: ANTH 100 or ANTH 200.
Term Offered: Fall (odd years).
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 328 Gender and Anthropology  Credits: 3 (3-0-0)
Course Description: Theory, themes, and debates in anthropological gender studies, ethnographic survey of women and men cross-culturally.
Prerequisite: ANTH 100 or ANTH 200.
Registration Information: Sections may be offered: Online.
Term Offered: Spring (odd years).
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 330 Medical Anthropology  Credits: 3 (3-0-0)
Course Description: Cultural adaptation to disease; non-Western theories of health and disease; categories, causes, cures; learned roles of patients and healers.
Prerequisite: ANTH 100 or ANTH 200.
Term Offered: Fall (odd years).
Grade Modes: S/U within Student Option, Trad within Student Option.
Special Course Fee: No.
ANTH 343  Applied Medical Anthropology  Credits: 3 (3-0-0)

Course Description: How and why we get sick and what sickness means from biological, social and cultural perspectives.

Prerequisite: ANTH 100 or ANTH 200.

Registration Information: Sections may be offered: Online.

Terms Offered: Fall, Spring, Summer.

Grade Mode: Traditional.

Special Course Fee: No.

ANTH 350  Archaeology of North America  Credits: 3 (3-0-0)

Course Description: Native American life, tools, architecture, religion, food-getting from cultures of 12,000 years ago or earlier until European contact.

Prerequisite: ANTH 140.

Registration Information: Sections may be offered: Online.

Terms Offered: Fall, Spring, Summer.

Grade Modes: S/U within Student Option, Trad within Student Option.

Special Course Fee: No.

ANTH 351  Archaeology of Europe and Africa  Credits: 3 (3-0-0)

Course Description: Human culture, tools, art, religion, social life, subsistence, and paleoecology from 4 million B.C. to 1200 B.C. in the Old World.

Prerequisite: ANTH 140.

Term Offered: Spring (even years).

Grade Modes: S/U within Student Option, Trad within Student Option.

Special Course Fee: No.

ANTH 352  Geoaarchaeology  Credits: 3 (3-0-0)

Course Description: Analytical techniques, concepts, and field methodologies from the earth sciences to better understand the archaeological record.

Prerequisite: ANTH 140.

Term Offered: Spring.

Grade Mode: Traditional.

Special Course Fee: No.

ANTH 353  Archaeology of Rock Art  Credits: 3 (3-0-0)

Course Description: Study of prehistoric and recent rock art worldwide from an anthropological and cross-cultural perspective. Provide a strong understanding of what rock art is, how it is recorded, analyzed, and interpreted by archaeologists, and why ancient symbolism and sites are considered important in contemporary society.

Prerequisite: None.

Registration Information: Sophomore standing. Sections may be offered: Online.

Terms Offered: Fall, Spring.

Grade Mode: Traditional.

Special Course Fee: No.

ANTH 354  Race/Ethnicity in the Ancient Mediterranean  Credits: 3 (3-0-0)

Course Description: Archaeology of the Ancient Mediterranean (specifically Greek and Roman) world as related to race and ethnicity. Examination of how some ancients created their own ethnographical identities and thought through conceptions of ancient races/peoples, and how this world has been appropriated by western European countries, been used as an emblem of whiteness, and served as a pretext for justifying racism today.

Prerequisite: ANTH 140.

Registration Information: Sections may be offered: Online.

Terms Offered: Fall, Spring, Summer.

Grade Mode: Traditional.

Special Course Fee: No.

ANTH 355  Archaeology of the Ancient Nile  Credits: 3 (3-0-0)

Course Description: Explore the broad anthropological trends of the archaeology of the Ancient Nile (specifically Egypt and Kush/Nubia). Approaches this world via important archaeological topics and trends that contextualize the historical and socio-political trends, influences, and impetuses to come to a holistic understanding of what it meant to be an ancient Egyptian or Kushite from c. 5000 BCE to the end of Roman Rule in c. 400 CE.

Prerequisite: ANTH 140.

Registration Information: Exclusively offered as an online course only.

Terms Offered: Fall, Spring, Summer.

Grade Mode: Traditional.

Special Course Fee: No.

ANTH 358  Archaeologies of Graffiti  Credits: 3 (3-0-0)

Course Description: An in-depth examination of graffiti as a human social behavior and form of material culture in the past and present. Examines the form, function, and context of graffiti across cultures and through time, with regard to the circumstances of its creation. Addresses what lies behind the human urge to leave a mark.

Prerequisite: ANTH 100 or ANTH 120 or ANTH 140 or ANTH 200.

Registration Information: Sections may be offered: Online.

Term Offered: Spring (odd years).

Grade Mode: Traditional.

Special Course Fee: No.

ANTH 359  Colorado Prehistory  Credits: 3 (2-0-1)

Course Description: Human behavioral responses to environmental diversity, cultural adaptation, Pleistocene and recent climates, anthropogenic environmental change.

Prerequisite: None.

Registration Information: Must register for lecture and recitation.

Term Offered: Fall.

Grade Modes: S/U within Student Option, Trad within Student Option.

Special Course Fee: No.

ANTH 360  Archaeological Investigation  Credits: 3 (2-2-0)

Course Description: Investigation of the archaeological record, how the record was formed, and how archaeological data are analyzed and interpreted.

Prerequisite: ANTH 140.

Term Offered: Spring.

Grade Mode: Traditional.

Special Course Fee: No.

ANTH 365  Quantifying Anthropology  Credits: 3 (3-0-0)

Course Description: Managing, quantifying and illustrating anthropological data-sets with appropriate software.

Prerequisite: ANTH 100 or ANTH 120 or ANTH 140 or ANTH 200.

Registration Information: Sections may be offered: Online.

Term Offered: Spring.

Grade Mode: Traditional.

Special Course Fee: No.

ANTH 370  Primates  Credits: 3 (3-0-0)

Course Description: Behavioral patterns, ecological relationships, and communication of nonhuman primates.

Prerequisite: ANTH 120 or BZ 101.

Registration Information: Sections may be offered: Online.

Grade Mode: Traditional.

Special Course Fee: No.
ANTH 371  Growing Up Primate  Credits: 3 (3-0-0)  
Course Description: Primates generally have extended periods of growth compared to other mammals; however, there is considerable variation across the Primate Order. Evolution of primate growth and reproductive strategies, critically evaluates current models of life history variation, examines the ways that primate taxa negotiate trade offs (e.g. current versus future reproduction), and explains the role of human sociality in the evolution of our unique life history parameters.  
Prerequisite: ANTH 120 or BZ 101.  
Registration Information: Junior standing.  
Term Offered: Spring (even years).  
Grade Mode: Traditional.  
Special Course Fee: No.

ANTH 372  Human Osteology  Credits: 3 (2-2-0)  
Course Description: Human bones and teeth in a review of functional human evolution.  
Prerequisite: ANTH 120 or BZ 101 or BZ 110 or LIFE 102.  
Registration Information: Must register for lecture and laboratory.  
Term Offered: Fall.  
Grade Modes: S/U within Student Option, Trad within Student Option.  
Special Course Fee: No.

ANTH 373  Human Evolution  Credits: 3 (3-0-0)  
Course Description: Current topics and debates in human evolution concentrating on biocultural changes in the human lineage.  
Prerequisite: ANTH 120 or BZ 110.  
Registration Information: Sections may be offered: Online.  
Terms Offered: Fall, Spring, Summer.  
Grade Mode: Traditional.  
Special Course Fee: Yes.

ANTH 374  Human Biological Variation  Credits: 3 (2-0-1)  
Course Description: Biological diversity of human populations; history of development of race concept.  
Prerequisite: ANTH 120 or BZ 101 or BZ 110 or LIFE 102.  
Registration Information: Must register for lecture and recitation.  
Sections may be offered: Online.  
Term Offered: Spring (even years).  
Grade Modes: S/U within Student Option, Trad within Student Option.  
Special Course Fee: No.

ANTH 375  Evolution of Primate Behavior  Credits: 3 (3-0-0)  
Course Description: Primate behavior from an evolutionary perspective, drawing on a variety of studies of humans, primates, and mammals.  
Prerequisite: ANTH 120 or BZ 110 or LIFE 102.  
Registration Information: Junior standing. Sections may be offered: Online.  
Term Offered: Spring (odd years).  
Grade Mode: Traditional.  
Special Course Fee: No.

ANTH 376  Evolution of Human Adaptation  Credits: 3 (2-0-1)  
Course Description: Unique characteristics of humans: bipedalism, encephalization, dentition, birth process, an attenuated period of development.  
Prerequisite: ANTH 120 or BZ 110 or LIFE 102.  
Registration Information: Must register for lecture and recitation.  
Term Offered: Fall.  
Grade Mode: Traditional.  
Special Course Fee: No.

ANTH 377  Anthropology Perspectives-Evolution, Society  Credits: 3 (3-0-0)  
Course Description: Evolutionary science in educating the public is investigated and anthropological knowledge of human evolutionary biology is examined.  
Prerequisite: ANTH 120.  
Registration Information: Credit not allowed for both ANTH 377 and ANTH 380A2.  
Terms Offered: Fall, Spring.  
Grade Mode: Traditional.  
Special Course Fee: No.

ANTH 378  Bipedal Apes  Credits: 3 (3-0-0)  
Course Description: Human bipedal walking within a comparative framework of primate locomotion and anatomy. Specific focus is on kinematics and kinetics of soft- and hard-tissues including analysis of extant primate locomotion, morphology, and development. Discussions focus on debates in primate functional anatomy and locomotion including hypotheses surrounding the origins and evolution bipedal walking and running and possible maladaptations of being a human biped.  
Prerequisite: ANTH 120 or BZ 101.  
Registration Information: Junior standing.  
Term Offered: Spring (even years).  
Grade Mode: Traditional.  
Special Course Fee: No.

ANTH 379  Evolutionary Medicine and Human Health  Credits: 3 (3-0-0)  
Course Description: Evolutionary medicine refers to the application of evolutionary theory to the study of human health, disease, and modern medicine. This theoretical perspective provides a deeper lens with which to investigate health, moves us beyond mechanistic explanations of disease, and constructs an anthropological framework for interpreting the evolution of human physiological diversity.  
Prerequisite: ANTH 120 or BZ 101 or BZ 110 or LIFE 102.  
Registration Information: Sophomore standing.  
Term Offered: Fall (odd years).  
Grade Mode: Traditional.  
Special Course Fee: No.

ANTH 382A  Study Abroad--Pompeii Italy: Life and Death of a Roman City  Credits: 3 (0-0-3)  
Course Description: Develop an understanding of Roman cultural, economic, and social history through archaeological analysis of Pompeii and Herculaneum in Italy.  
Prerequisite: ANTH 100 to 499 - at least 3 credits or ART 100 to 499 - at least 3 credits or HIST 100 to 499 - at least 3 credits or INST 100 to 499 - at least 3 credits or SOC 100 to 499 - at least 3 credits.  
Registration Information: Written consent of instructor. Sections offered as Mixed Face-to-Face.  
Term Offered: Spring.  
Grade Mode: Traditional.  
Special Course Fee: No.
ANTH 382F  Study Abroad--England: Edge of Empire  Credits: 3 (0-0-3)
Also Offered As: HIST 382F.
Course Description: Develop an understanding of Roman cultural and military history through archaeological analysis of Hadrian’s Wall in England.
Prerequisite: ANTH 160 to 479 - at least 3 credits or HIST 100 to 479 - at least 3 credits.
Registration Information: Written consent of instructor. Sections offered as Mixed Face-to-Face or Online. Credit not allowed for both ANTH 382F and HIST 382F.
Term Offered: Summer.
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 400  History of Theory-Anthropology and Geography  Credits: 3 (3-0-0)
Also Offered As: GR 400.
Course Description: Anthropological/Geographical theory from its beginnings with Aristotle through recent developments into the 20th century.
Prerequisite: (ANTH 100 or ANTH 200) and (ANTH 140 and ANTH 120 and ANTH 121 or GR 100).
Registration Information: Junior or senior standing. Sections may be offered: Online. Credit not allowed for both ANTH 400 and GR 400.
Terms Offered: Fall, Spring.
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 401  Psychological Anthropology Laboratory  Credit: 1 (0-2-0)
Course Description: Practical research techniques drawn from psychological and cognitive anthropology for investigating the relationship between shared group culture and individual thought and practice. Mixed qualitative and quantitative methods, including using field observations, interviews, and surveys to illuminate “cultural domains” of thought. Emphasis on collaborative group research and hands-on training involving actual field research and data collection and analysis via appropriate software packages.
Prerequisite: ANTH 322, may be taken concurrently or ANTH 423, may be taken concurrently or ANTH 444, may be taken concurrently or ANTH 445, may be taken concurrently.
Registration Information: Junior standing. Repeatable for credit.
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 405  Public Anthropology and Global Challenges  Credits: 3 (3-0-0)
Course Description: Value of taking scholarship to the communities. Public scholarship is pointed at many publics and intended to engage actively in the process of solving urgent problems in contrast to traditional scholarship. Focus on the public discourse that addresses disasters, climate change, and global health issues. Critical look at how academic knowledge in these realms serves the public interest.
Prerequisite: ANTH 300 to 499 - at least 3 credits or SOC 300 to 499 - at least 3 credits.
Registration Information: Junior standing.
Term Offered: Spring.
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 411  Indians of South America  Credits: 3 (0-0-3)
Course Description: Ethnographic and cultural characteristics of South American indigenous groups and the current critical issues they face.
Prerequisite: ANTH 100 or ANTH 200 or ANTH 413 or ANTH 414 or ETST 414.
Registration Information: Offered as an online course only.
Terms Offered: Fall, Spring, Summer.
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 412  Indians of North America  Credits: 3 (3-0-0)
Course Description: Native American peoples, their cultural variation across the continent, and cultural encounters with colonial expansion.
Prerequisite: ANTH 100 or ANTH 200 or ANTH 413 or ANTH 414 or ETST 414.
Registration Information: Sections may be offered: Online.
Terms Offered: Fall, Spring, Summer.
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 413  Indigenous Peoples Today  Credits: 3 (3-0-0)
Course Description: Contemporary cultural and social issues of indigenous peoples around the globe, including North and South American Indians and Australian Aborigines.
Prerequisite: ANTH 200 or ANTH 412 or ANTH 414 or ETST 414.
Term Offered: Fall.
Grade Modes: S/U within Student Option, Trad within Student Option.
Special Course Fee: No.

ANTH 414  Development in Indian Country  Credits: 3 (3-0-0)
Also Offered As: ETST 414.
Course Description: Critical examination of history, public policy, and tribal strategies for economic development and natural resource management in Indian country.
Prerequisite: ANTH 100 or ANTH 200 or ETST 100.
Registration Information: Credit not allowed for both ANTH 414 and ETST 414.
Term Offered: Fall (odd years).
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 415  Indigenous Ecologies and the Modern World  Credits: 3 (3-0-0)
Course Description: Impact of the modern world in indigenous peoples’ relationship to their environments and natural resources.
Prerequisite: None.
Registration Information: Sections may be offered: Online.
Terms Offered: Fall, Spring, Summer.
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 416  Gender, Culture, and Health  Credits: 3 (3-0-0)
Course Description: Examine the role of anthropology in current global health issues paying particular attention to culture and gender.
Prerequisite: ANTH 100 or ANTH 200.
Registration Information: Sections may be offered: Online.
Terms Offered: Fall, Spring, Summer.
Grade Mode: Traditional.
Special Course Fee: No.
ANTH 417 Indigenous Environmental Stewardship  Credits: 3 (3-0-0)  
Course Description: Sustainability and environmental stewardship are not necessarily modern day concepts. Indigenous peoples of North America have established traditions and beliefs about harmony and kinship with nature. Focus upon stories and belief systems and their influence upon culture, economics, politics, American history, environmental justice and law.  
Prerequisite: ANTH 100 or ANTH 200.  
Term Offered: Spring.  
Grade Mode: Traditional.  
Special Course Fee: No.

ANTH 420 Digital Digging--Geophysics in Archaeology  Credits: 3 (3-0-0)  
Course Description: Introduction to the geophysical methods archaeologists use to prospect for new sites, and develop new questions for known sites. Examines how common geophysical methods work to detect subsurface signatures for human activity. Provides hands-on experience in data collection, processing, and analysis for multiple instruments. Presents diverse theoretical perspectives from the social sciences that can be applied to interpret subsurface spatial signatures at archaeological sites.  
Prerequisite: ANTH 100 or ANTH 120 or ANTH 140 or ANTH 200.  
Registration Information: Sophomore standing.  
Term Offered: Fall (even years).  
Grade Mode: Traditional.  
Special Course Fee: No.

ANTH 422 Comparative Legal Systems  Credits: 3 (3-0-0)  
Also Offered As: SOC 422.  
Course Description: Traditional approaches to law, competing concepts of law in the global system, and experiences of minorities in state legal systems.  
Prerequisite: ANTH 100 or SOC 100.  
Registration Information: Credit not allowed for both ANTH 422 and SOC 422.  
Term Offered: Spring (even years).  
Grade Modes: S/U within Student Option, Trad within Student Option.  
Special Course Fee: No.

ANTH 423 Cultural Psychiatry  Credits: 3 (3-0-0)  
Course Description: Social determinants of mental health. Cross-cultural health and healing. Cultural contexts of U.S./Western and Indigenous/non-Western psychiatries.  
Prerequisite: ANTH 100 or ANTH 200.  
Term Offered: Fall (even years).  
Grade Mode: Traditional.  
Special Course Fee: No.

ANTH 430A Study Abroad--South Africa: Communities and Conservation  Credits: 6 (0-0-6)  
Also Offered As: ESS 430A.  
Course Description: Travel the wildest areas of savanna South Africa to work with and learn from rural and urbanizing communities, offering insights into the innovative forms of community-based natural resource management emerging in South Africa. Understand the new landscapes of conservation associated with post-apartheid South Africa; explore the problems faced by the people living in poverty on the edge of protected areas.  
Prerequisite: None.  
Registration Information: Sophomore standing. Written consent of instructor. Credit allowed for only one of the following: ANTH 430A, ANTH 482A, ESS 430A, or ESS 482A.  
Term Offered: Summer.  
Grade Mode: Traditional.  
Special Course Fee: No.

ANTH 438 Approaches to Community-Based Development  Credits: 3 (0-0-3)  
Course Description: Explores the structure and practice of community development globally, engaging in critical analysis of different approaches and their impact.  
Prerequisite: ANTH 100 or ANTH 200.  
Registration Information: Offered as an online course only.  
Terms Offered: Fall, Spring, Summer.  
Grade Mode: Traditional.  
Special Course Fee: No.

ANTH 439 Community Mobilization  Credits: 3 (0-0-3)  
Course Description: Structural, social, and psychological barriers that inhibit cooperation and collective action.  
Prerequisite: ANTH 100 or ANTH 200.  
Registration Information: Offered as an online course only.  
Terms Offered: Fall, Spring, Summer.  
Grade Mode: Traditional.  
Special Course Fee: No.

ANTH 440 Theory in Cultural Anthropology  Credits: 3 (3-0-0)  
Course Description: Theoretical paradigms used to explain culture including evolutionary, functional, ecological, political economy, postmodernity, and hegemony.  
Prerequisite: ANTH 100 or ANTH 200.  
Terms Offered: Fall, Spring (odd years).  
Grade Modes: S/U within Student Option, Trad within Student Option.  
Special Course Fee: No.

ANTH 441 Method in Cultural Anthropology  Credits: 3 (3-0-0)  
Course Description: Methodological orientations and research techniques. Ethnographic and cross-cultural approaches including quantitative and formal models.  
Prerequisite: ANTH 100 or ANTH 200.  
Term Offered: Spring (odd years).  
Grade Modes: S/U within Student Option, Trad within Student Option.  
Special Course Fee: No.
ANTH 442 Ethnographic Field School  Credits: Var[3-8] (0-0-0)
Course Description: Directed fieldwork with American Indian communities; methodology, protocols, and social relations of ethnographic field research.
Prerequisite: ANTH 100 or ANTH 200 or ANTH 100 to 99999 - at least 9 credits.
Registration Information: Required field trips.
Term Offered: Summer.
Grade Modes: S/U within Student Option, Trad within Student Option.
Special Course Fee: Yes.

ANTH 443 Ethnographic Field Methods  Credits: 3 (0-6-0)
Course Description: Directed experiential preparation for applied ethnographic field methods and research questions.
Prerequisite: ANTH 100 or ANTH 200.
Term Offered: Spring.
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 444 Cultures of Virtual Worlds—Research Methods  Credits: 3 (3-0-0)
Course Description: Methodologies and directed research related to virtual worlds and internet, gaming, play, and fan communities.
Prerequisite: ANTH 100 or ANTH 200.
Registration Information: Junior standing.
Term Offered: Fall (even years).
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 445 Psychological Anthropology  Credits: 3 (3-0-0)
Course Description: Cross-cultural exploration of the human mind by studying the ideas, desires, and practices of individuals in various sociocultural settings.
Prerequisite: ANTH 100 or ANTH 200.
Term Offered: Spring (odd years).
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 446 New Orleans and the Caribbean  Credits: 3 (3-0-0)
Course Description: New Orleans and the Caribbean connections through colonization, slavery, modernity, legacies of race, gender and class, the expressive arts.
Prerequisite: ANTH 100 or ANTH 200.
Term Offered: Spring (even years).
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 447 Gender Equity in Development  Credits: 3 (0-0-3)
Course Description: Various forms of women’s power, and potentials for disempowerment within the context of international development.
Prerequisite: ANTH 100 or ANTH 200.
Registration Information: Offered as an online course only.
Terms Offered: Fall, Spring, Summer.
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 448 Development and Empowerment  Credits: 3 (0-0-3)
Course Description: Development as an economic process of wealth accumulation, as well as a socio-political process of empowerment.
Prerequisite: ANTH 100 or ANTH 200.
Registration Information: Sections may be offered: Online.
Terms Offered: Fall, Spring, Summer.
Grade Mode: Traditional.
Special Course Fee: No.
ANTH 455  Great Plains Archaeology  Credits: 3 (3-0-0)
Course Description: Prehistoric people on Great Plains from earliest hunter-gatherers to historic contact; cultural responses to changing conditions.
Prerequisite: ANTH 140.
Term Offered: Fall (even years).
Grade Modes: S/U within Student Option, Trad within Student Option.
Special Course Fee: No.

ANTH 456 Archaeology and the Public  Credits: 3 (3-0-0)
Course Description: Applied archaeology in public settings, including publication, museum display, education, the illicit artifact trade, and other ethical issues.
Prerequisite: (ANTH 140) and (ANTH 252 or ANTH 350 or ANTH 351 or ANTH 352 or ANTH 451 or ANTH 452 or ANTH 453 or ANTH 455 or ANTH 460 or ANTH 465).
Registration Information: 3 additional credits of archaeology required. Required field trips.
Term Offered: Spring (even years).
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 457 Lithic Technology  Credits: 3 (2-2-0)
Course Description: Method and theory behind production, use, and discard of stone tools by prehistoric peoples. Hands-on application in laboratory setting.
Prerequisite: ANTH 140.
Registration Information: Must register for lecture and laboratory.
Term Offered: Fall (odd years).
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 458 Archaeology and Cultural Resource Management  Credits: 3 (3-0-0)
Course Description: Cultural Resource Management as a career, the network of regulations that form the backbone of the industry, and the process for conducting a CRM investigation as an archaeologist. Topics include cultural resource legislation, project planning, execution, conservation, collections management policies and procedures, and excavation; recovery, preservation, cataloging, analysis of artifactual and skeletal materials.
Prerequisite: ANTH 100 to 499 - at least 6 credits.
Registration Information: Offered as an online course only.
Terms Offered: Spring, Summer.
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 459 Gods, Heroes, Stones--Greek Archaeology  Credits: 3 (3-0-0)
Course Description: Explores the broad anthropological trends of the archaeology of the Ancient Near East. Approaches this world via important archaeological topics that contextualize the historical, religious, economic, and socio-political trends, influences, and impetuses to come to a holistic understanding of what it meant to be an ancient Greek from c. 3000 to 31 BCE.
Prerequisite: ANTH 140.
Registration Information: Sections may be offered: Online.
Terms Offered: Fall, Spring.
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 460 Field Class in Archaeology  Credits: Var[3-8] (0-0-0)
Course Description: Directed fieldwork in local archaeology, site survey, and excavation; recovery, preservation, cataloging, analysis of artifactual and skeletal materials.
Prerequisite: None.
Registration Information: Written consent of instructor. Required field trips.
Term Offered: Summer.
Grade Mode: Instructor Option.
Special Course Fee: Yes.

ANTH 461 Anthropological Report Preparation  Credits: 3 (0-0-3)
Course Description: Producing written and oral presentations for anthropological research, employment, or graduate work. Grant writing and manuscript preparation.
Prerequisite: ANTH 460.
Registration Information: Written consent of instructor.
Term Offered: Fall (odd years).
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 462 Anthropology Curation and Exhibition Methods  Credits: 3 (3-0-0)
Course Description: Current methods and ethics in museum curation, conservation, collections management policies and procedures, exhibition development, and other tasks associated with managing, preserving and displaying anthropological collections (both artifacts and their associated documentation). Practical, hands-on experience in artifact care, management, preservation, and exhibition development.
Prerequisite: None.
Restriction: Must not be a: Freshman.
Registration Information: Sophomore standing. 3 credits of ANTH or ART or HIST. Sections may be offered: Online.
Term Offered: Spring.
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 463 Field Class in Archaeology  Credits: Var[3-8] (0-0-0)
Course Description: Directed fieldwork in local archaeology, site survey, and excavation; recovery, preservation, cataloging, analysis of artifactual and skeletal materials.
Prerequisite: None.
Registration Information: Written consent of instructor. Required field trips.
Term Offered: Summer.
Grade Mode: Instructor Option.
Special Course Fee: Yes.

ANTH 464 Anthropological Report Preparation  Credits: 3 (0-0-3)
Course Description: Producing written and oral presentations for anthropological research, employment, or graduate work. Grant writing and manuscript preparation.
Prerequisite: ANTH 460.
Registration Information: Written consent of instructor.
Term Offered: Fall (odd years).
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 465 Zooarchaeology  Credits: 3 (2-2-0)
Course Description: Analysis of animal bones from archaeological sites to develop interpretations of past human behavior.
Prerequisite: ANTH 120 and ANTH 140.
Registration Information: Must register for lecture and laboratory.
Term Offered: Spring (odd years).
Grade Modes: S/U within Student Option, Trad within Student Option.
Special Course Fee: Yes.

ANTH 466 Archaeology of the Ancient Near East  Credits: 3 (3-0-0)
Course Description: Explores the broad anthropological trends of the archaeology of the Ancient Near East. Approaches this world via important archaeological topics that contextualize the historical, religious, economic, and socio-political trends, influences, and impetuses to come to a holistic understanding of what it meant to be a Mesopotamian from c. 5000 to 323 BCE.
Prerequisite: ANTH 140.
Registration Information: Sections may be offered: Online.
Terms Offered: Fall, Spring.
Grade Mode: Traditional.
Special Course Fee: No.
ANTH 470 Paleontology Field School Credits: 4 (2-4-0)
Course Description: Field methods in fossil excavation, preservation, and curation; the evolution of the primate order.
Prerequisite: ANTH 120 or BZ 110 or LIFE 102.
Registration Information: Required field trips.
Term Offered: Summer.
Grade Mode: Traditional.
Special Course Fee: Yes.

ANTH 472 Human Biology Credits: 3 (3-0-0)
Course Description: Human biological responses to environmental conditions and constraints including diet, nutrition, disease, climate, culture change, and urbanization.
Prerequisite: ANTH 120 or BZ 110 or LIFE 102.
Term Offered: Spring (odd years).
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 473 The Neandertals Credits: 3 (2-0-1)
Course Description: Socio-historical foundations of questions regarding Neandertal paleobiology and culture and the Neandertal role in the evolution of Homo sapiens.
Prerequisite: (ANTH 120 or BZ 110) and (ANTH 372 or ANTH 373 or ANTH 374 or ANTH 375 or ANTH 376).
Term Offered: Spring (even years).
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 474 Human Skeleton Analysis Credits: 3 (2-2-0)
Course Description: Focus on methods and techniques used to reconstruct identity and behavior from the human skeleton applicable to all areas of skeletal biology, including bioarchaeology, paleoanthropology, and forensic anthropology.
Prerequisite: (ANTH 120 or BZ 101) and (ANTH 372).
Registration Information: Senior standing. Must register for lecture and laboratory.
Term Offered: Spring.
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 475 Methods of Analysis in Paleoanthropology Credits: 3 (3-0-0)
Course Description: Practical discussion of techniques used to reconstruct dietary and locomotor behavior and evolutionary relationships in human fossil remains.
Prerequisite: ANTH 373.
Term Offered: Fall (even years).
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 476 The Archaeology of Time Credits: 3 (3-0-0)
Course Description: Concepts, methods, and techniques in the study of archaeological temporalities and chronology building. Examination of major themes running through the current social science literature on notions of time.
Prerequisite: ANTH 140.
Registration Information: Junior standing. Credit not allowed for both ANTH 476 and ANTH 480A4.
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 477 Heritage Resource Management Credits: 3 (3-0-0)
Also Offered As: HIST 478.
Course Description: Cultural resource laws and policy; practices commonly employed in management and preservation of these diverse resources.
Prerequisite: None.
Restriction: None.
Registration Information: Junior or senior standing. Credit not allowed for both ANTH 477 and HIST 478.
Term Offered: Spring (even years).
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 478 International Development Theory and Practice Credits: 3 (3-0-0)
Also Offered As: IE 479.
Course Description: Contemporary issues in international community and economic development, with practical and theoretical analysis from interdisciplinary perspectives.
Prerequisite: None.
Restriction: Must be a: Junior, Senior, Senior - 5yr Bachelor, Senior - Post Bachelor, Senior - Second Bachelor.
Registration Information: Junior or senior standing. Credit not allowed for both ANTH 478 and IE 479.
Term Offered: Fall.
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 482A Study Abroad: Communities and Conservation in South Africa Credits: 6 (0-0-6)
Also Offered As: ESS 482A.
Course Description: Travel to the wildest areas of savanna South Africa to work and learn from rural and urbanizing communities. Insights into the innovative forms of community-based natural resource management emerging in South Africa. Understand the new landscapes of conservation associated with post-apartheid South Africa. Explore the problems faced by the millions of people living in poverty at the edge of protected areas.
Prerequisite: None.
Registration Information: Written consent of instructor. Pre-South Africa: during the spring semester prior to the actual study abroad experience, students will meet in March and April for workshops and guest lectures on the CSU campus. In South Africa: travel approximately June 10 – July 2. Post-South Africa: students and instructors will schedule 20 hours of consulting time while students work on group projects over 6 weeks. Credit not allowed for both ANTH 482A and ESS 482A.
Term Offered: Summer.
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 484 Supervised College Teaching Credits: Var[1-5] (0-0-0)
Course Description: Written consent of instructor. A maximum of 10 combined credits for all 384 and 484 courses are counted towards graduation requirements.
Terms Offered: Fall, Spring.
Grade Mode: S/U Sat/Unsat Only.
Special Course Fee: No.
ANTH 486 Practicum Credits: Var[1-6] (0-0-0)
Course Description: Application of anthropological methods under actual project conditions.
Prerequisite: None.
Terms Offered: Fall, Spring, Summer.
Grade Mode: S/U within Student Option, Trad within Student Option.
Special Course Fee: No.

ANTH 487 Internship Credits: Var[1-9] (0-0-0)
Course Description: Academic-based work experience with selected organizations or agencies. Supervised application of anthropological principles.
Prerequisite: ANTH 100 to 499 - at least 9 credits.
Terms Offered: Fall, Spring, Summer.
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 492A Seminar: Archaeology Credits: 3 (0-0-3)
Course Description:
Prerequisite: ANTH - at least 6 credits.
Registration Information: Sections may be offered: Online.
Terms Offered: Fall, Spring, Summer.
Grade Mode: Instructor Option.
Special Course Fee: No.

ANTH 492B Seminar: Biological Anthropology Credits: 3 (0-0-3)
Course Description:
Prerequisite: ANTH - at least 6 credits.
Terms Offered: Fall, Spring, Summer.
Grade Mode: Instructor Option.
Special Course Fee: No.

ANTH 493 Capstone Seminar Credit: 1 (0-0-1)
Prerequisite: None.
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 495 Independent Study Credits: Var[1-3] (0-0-0)
Prerequisite: None.
Grade Mode: Instructor Option.
Special Course Fee: No.

ANTH 496 Group Study Credits: Var[1-3] (0-0-0)
Course Description:
Prerequisite: None.
Terms Offered: Fall, Spring, Summer.
Grade Mode: Instructor Option.
Special Course Fee: No.

ANTH 500 Development of Anthropological Theory Credits: 3 (3-0-0)
Course Description: Contemporary development of anthropological thought.
Prerequisite: None.
Restriction: Must not be a: Undergraduate.
Registration Information: Undergraduates must have written consent of instructor.
Term Offered: Fall.
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 501 Psychiatric Anthropology Laboratory Credit: 1 (0-2-0)
Course Description: Use tools from psychiatric anthropology to construct culturally-sensitive scales for assessing mental health and subjective well-being. Mixed qualitative and quantitative methods, including using field observations, interviews, and surveys to build and assess well-being measures. Emphasis on collaborative group research and hands-on training involving field research and data collection and analysis via appropriate software packages.
Prerequisite: ANTH 543, may be taken concurrently or ANTH 545, may be taken concurrently or ANTH 546, may be taken concurrently.
Restriction: Must be a: Graduate.
Registration Information: Graduate standing. Repeatable for credit.
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 502 Cultural Analysis of Qualitative Data Credit: 1 (0-2-0)
Course Description: Analysis of qualitative data such as ethnographic field-notes and interviews for cultural content. Topics include: theme analysis, cultural models analysis, grounded theory, and content analysis. Synthesizes inductive, deductive, and abductive approaches to the analysis of qualitative data. Emphasis on practical hands-on training of data collection and analysis techniques in a collaborative research setting, including practice using relevant software.
Prerequisite: ANTH 543, may be taken concurrently or ANTH 545, may be taken concurrently or ANTH 546, may be taken concurrently or ANTH 547, may be taken concurrently or ANTH 566, may be taken concurrently.
Restriction: Must be a: Graduate.
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 503 Cognitive Anthropology Field Methods Credit: 1 (0-2-0)
Course Description: Using structured interview methods developed in cognitive anthropology for understanding the cultural influence on human thinking, experience, and behavior. Covered elicitation techniques include: free-lists, pile-sorts, and cultural consensus and consonance forms of analysis. Emphasis on gaining practical hands-on training in cognitive anthropological data collection and analysis techniques in a collaborative research setting, including practice using relevant software.
Prerequisite: ANTH 543, may be taken concurrently or ANTH 545, may be taken concurrently or ANTH 546, may be taken concurrently or ANTH 547, may be taken concurrently or ANTH 566, may be taken concurrently.
Restriction: Must be a: Graduate.
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 504 Cultural Analysis of Personal Networks Credit: 1 (0-2-0)
Course Description: Using personal network research techniques to understand the cultural shaping of human connection, behavior, and experience. Practical hands-on training in personal network research techniques in a collaborative research setting, including experience with various data collection and analysis techniques, practice using relevant software, and theory building related to individual and collaborative group projects. Emphasis on anthropological perspectives and applications.
Prerequisite: ANTH 543, may be taken concurrently or ANTH 545, may be taken concurrently or ANTH 546, may be taken concurrently or ANTH 547, may be taken concurrently or ANTH 566, may be taken concurrently.
Restriction: Must be a: Graduate.
Grade Mode: Traditional.
Special Course Fee: No.
ANTH 505 Resilience, Well-Being, and Social Justice Credits: 3 (3-0-0)
Course Description: Concepts of resilience, well-being, and social justice in the context of a rapidly changing planet. These concepts are rarely integrated yet each is understood to help diagnose, measure, and solve global-scale problems. Engagement with many views from many fields, including the anthropological lens of a community-level scale, cross-cultural comparison, and holistic analyses.
Prerequisite: None.
Restriction: Must not be a: Undergraduate.
Registration Information: Graduate standing.
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 506 Anthropology of Happiness and the Good Life Credits: 3 (0-0-3)
Course Description: Draws on anthropological and interdisciplinary perspectives to illuminate the sociocultural and evolutionary basis of human happiness and flourishing. Examination of anthropological approaches to value, morality, and social norms; economic, environmental, and social determinants of happiness; sources of human resilience, including religion and play; happiness over the life course; emotions and subjective well-being; biological and health correlates of happiness.
Prerequisite: None.
Restriction: Must be a: Graduate, Graduate cooperative program.
Registration Information: Graduate standing.
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 515 Culture and Environment Credits: 3 (3-0-0)
Course Description: Theoretical accounts of societies’ variable relationships to their environments, indigenous peoples’ interactions with nature in context of modernity.
Prerequisite: None.
Registration Information: Graduate standing.
Term Offered: Fall.
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 520 Women, Health, and Culture Credits: 3 (3-0-0)
Course Description: Women’s experiences and interpretations of their health; cultural, political, and economic forces affecting women’s health.
Prerequisite: None.
Restriction: Must be a: Graduate, Graduate cooperative program, Professional.
Registration Information: Graduate standing.
Term Offered: Spring (odd years).
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 521 Gender, Sexuality, and Culture Credits: 3 (3-0-0)
Course Description: Gender and sexuality cross-culturally; theory, cultural constructions, colonialism, class, race, ethnicity, health, violence.
Prerequisite: None.
Restriction: Must not be a: Undergraduate.
Registration Information: Graduate standing.
Term Offered: Spring (even years).
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 528 Economic Anthropology Credits: 3 (0-0-3)
Course Description: Theoretical approaches to the cultural context of economic activity.
Prerequisite: ANTH - at least 9 credits.
Term Offered: Spring.
Grade Modes: S/U within Student Option, Trad within Student Option.
Special Course Fee: No.

ANTH 529 Anthropology and Sustainable Development Credits: 3 (0-0-3)
Course Description: Global development goals, poverty and hunger, environmental sustainability, education, and equity.
Prerequisite: ANTH - at least 9 credits.
Term Offered: Fall.
Grade Modes: S/U within Student Option, Trad within Student Option.
Special Course Fee: No.

ANTH 530 Human-Environment Interactions Credits: 3 (3-0-0)
Course Description: Paradigms and concepts in ecological anthropology with an emphasis on adaptation and resilience.
Prerequisite: ANTH 000 to 99999 - at least 9 credits.
Term Offered: Fall (odd years).
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 532 The Culture of Disaster Credits: 3 (0-0-3)
Course Description: Study of how the human impacts of disaster and the process of recovery are shaped by cultural as well as structural realities.
Prerequisite: None.
Registration Information: Graduate standing.
Term Offered: Spring.
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 535 Globalization and Culture Change Credits: 3 (0-0-3)
Course Description: Evolving paradigms and patterns of globalization and international development; cultural responses – resistance, dependency, fragmented identities.
Prerequisite: ANTH - at least 9 credits.
Term Offered: Fall (even years).
Grade Modes: S/U within Student Option, Trad within Student Option.
Special Course Fee: No.

ANTH 538 Food, Hunger, and Culture Credits: 3 (0-0-3)
Course Description: Explores cultural and social understandings of food cross-culturally, including the symbolic meanings that people attribute to food and its consumption. Critically investigates the intersecting political, economic, social, and cultural influences on hunger, malnutrition, and other health concerns associated with food and nutrition globally. Assesses applied anthropological approaches to reducing hunger and other nutrition related health problems.
Prerequisite: None.
Restriction: Must be a: Graduate, Graduate cooperative program.
Registration Information: Graduate standing. Credit not allowed for both ANTH 538 or ANTH 581A2.
Grade Mode: Traditional.
Special Course Fee: No.
ANTH 539 Anthropology of Modernity  Credits: 3 (3-0-0)
Course Description: Critical examination of the institutions, values, and processes which constitute the modern world. Impact of modern forces on "traditional" peoples.
Prerequisite: None.
Registration Information: Graduate standing.
Term Offered: Spring (even years).
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 540 Medical Anthropology  Credits: 3 (0-0-3)
Course Description: Cultural and biocultural approaches to health, illness, and the body; theory and application in medical anthropology.
Prerequisite: None.
Registration Information: Graduate standing.
Term Offered: Fall (odd years).
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 541 Seminar in Archaeological Method  Credits: 3 (1-0-2)
Course Description: Methods of archaeological recovery and interpretation, and process of archaeological analysis and reporting.
Prerequisite: ANTH - at least 9 credits.
Registration Information: Must register for lecture and recitation.
Term Offered: Spring (even years).
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 542 Seminar in Archaeological Theory  Credits: 3 (1-0-2)
Course Description: Theories of recovery, reconstruction, and interpretation of the archaeological record.
Prerequisite: ANTH - at least 9 credits.
Registration Information: Must register for lecture and recitation.
Term Offered: Spring (odd years).
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 543 Foundations of Ethnographic Research  Credits: 3 (3-0-0)
Course Description: Mixed qualitative and quantitative field methods to address practical real-world issues. Emphasis on linking theory and method, project formulation, hands-on experience with data collection and analysis, and practical applications such as preparing thesis/dissertation proposals and writing grants. Discussion of a range of anthropological approaches to field research, including applied, public, collaborative, participatory, and community-based ethnographic research.
Prerequisite: None.
Restriction: Must be a: Graduate. Graduate cooperative program.
Registration Information: Graduate standing. Credit not allowed for both ANTH 543 and ANTH 643.
Term Offered: Spring (odd years).
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 544 From Death to Discovery  Credits: 3 (1-0-2)
Course Description: Theoretical perspectives on the decay and fossilization of organisms between their death and discovery.
Prerequisite: ANTH 000 to 99999 - at least 9 credits.
Registration Information: Must register for lecture and laboratory.
Terms Offered: Fall. Spring.
Grade Modes: S/U within Student Option, Trad within Student Option.
Special Course Fee: No.

ANTH 545 Global Mental Health--Theory and Method  Credits: 3 (3-0-0)
Course Description: Cross-cultural study of mental health and healing; cultural, clinical, and biological perspectives; integration of theory and method.
Prerequisite: None.
Restriction: Must be a: Graduate. Graduate cooperative program.
Registration Information: Graduate standing.
Term Offered: Fall (odd years).
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 546 Culture, Mind, and Cognitive Science  Credits: 3 (3-0-0)
Course Description: Anthropological contributions to cognitive science. Culture, mind, and social context. Theory building and practical applications.
Prerequisite: None.
Registration Information: Graduate standing.
Term Offered: Spring (even years).
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 547 Mind, Medicine, and Culture  Credits: 4 (3-2-0)
Course Description: Cultural-psychological influences on health and healing; mind-body medicine; complementary and alternative medicine; indigenous and spiritual healing.
Prerequisite: None.
Registration Information: Graduate standing.
Term Offered: Spring (even years).
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 548 Theoretical Topics in Cultural Anthropology  Credits: 3 (3-0-0)
Course Description: Major theoretical currents in cultural anthropology from the 19th-century to the present. Classical theory alongside contemporary studies of mental health and healing; mind-body medicine; complementary and alternative medicine; indigenous and spiritual healing.
Prerequisite: None.
Restriction: Must be a: Graduate.
Registration Information: Graduate standing.
Term Offered: Fall (even years).
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 550A Regional Prehistory: Great Plains  Credits: 3 (0-0-3)
Course Description: ANTH 350.
Prerequisite: ANTH 350.
Term Offered: Fall.
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 550B Regional Prehistory: Great Basin  Credits: 3 (0-0-3)
Course Description: ANTH 350.
Prerequisite: ANTH 350.
Term Offered: Spring (odd years).
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 550C Regional Prehistory: Southwestern  Credits: 3 (0-0-3)
Course Description: ANTH - at least 9 credits.
Prerequisite: ANTH - at least 9 credits.
Term Offered: Spring (even years).
Grade Mode: Traditional.
Special Course Fee: No.
ANTH 551  Historical Archaeology  Credits: 3 (3-0-0)
Course Description: Theory, methods, and issues in historical archaeology.
Prerequisite: None.
Restriction: Must not be a: Undergraduate.
Registration Information: Graduate standing.
Term Offered: Spring (odd years).
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 552  Geoarchaeology  Credits: 3 (3-0-0)
Course Description: Application of analytical techniques, concepts, and field methods drawn from the earth sciences to help solve archaeological problems. Issues explored include human and environmental processes involved in archaeological site formation, the sedimentary context of archaeological remains, soils and sediments relevant to archaeology, the relationship between past settlement and landscape evolution, paleoclimatic reconstruction, and human effects on the environment.
Prerequisite: None.
Restriction: Must be a: Graduate.
Registration Information: Graduate standing. Required field trips.
Term Offered: Spring (even years).
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 553  Archaeology of Complex Societies  Credits: 3 (0-0-3)
Course Description: Issues in development and organization of complex societies with emphasis on the Americas.
Prerequisite: None.
Restriction: Must be a: Graduate, Professional.
Registration Information: Graduate standing.
Term Offered: Spring (even years).
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 554  Ecological and Social Agent-based Modeling  Credits: 3 (2-2-0)
Also Offered As: ESS 554.
Course Description: Exploring the use and making of agent-based models featuring interacting individuals in ecological and social simulation, with examples and projects.
Prerequisite: None.
Restriction: Must register for lecture and laboratory. Credit allowed for only one of the following: ANTH 554, ESS 554, or NR 554.
Term Offered: Spring (odd years).
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 555  Paleoindian Archaeology  Credits: 3 (0-0-3)
Course Description: Archaeology of the Americas during late Pleistocene/early Holocene; background and development of contemporary models.
Prerequisite: ANTH 140.
Term Offered: Fall (even years).
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 556  Bayesian Chronologies in Archaeology  Credits: 3 (3-0-0)
Course Description: Methods and techniques in Bayesian chronological modeling applied to archaeological questions.
Prerequisite: None.
Restriction: Must be a: Graduate.
Registration Information: Credit not allowed for both ANTH 556 and ANTH 680A2.
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 557  Paleoindian Archaeology  Credits: 3 (3-0-0)
Course Description: Exploration of methodological problems in Paleoindian archaeology.
Prerequisite: None.
Restriction: None.
Registration Information: Graduate standing.
Term Offered: Spring (even years).
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 558  Human Origins  Credits: 3 (3-0-0)
Course Description: Major trends in human evolution through use of detailed case studies and regionally focused primary research.
Prerequisite: None.
Restriction: Must be a: Graduate.
Registration Information: Graduate standing.
Term Offered: Spring (odd years).
Grade Mode: Traditional.
Special Course Fee: No.
**ANTH 617  Place, Space and Adaptation  Credits: 3 (3-0-0)**

**Course Description:** Critical evaluation of the nexus between space, society and environment. An interdisciplinary approach to studying the ways biological, material, historical, political-economic and cultural processes combine to shape human-environment relationships in place-based contexts.

**Prerequisite:** None.

**Restriction:** Must be a: Graduate, Professional.

**Term Offered:** Spring.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

**ANTH 650  Edge Effects--Place, Embodiment, Environment  Credits:** 3 (3-0-0)

**Also Offered As:** ESS 650.

**Course Description:** Interdisciplinary thinking on questions of place, power, embodiment, and environmental adaptation. Drawing on human geography, ethnography, political ecology, and social-ecological theory, develop an understanding of boundaries and transitional zones as places of complex social and species exchange by looking at some key philosophical texts, but also applying theoretical understanding to specific case studies.

**Prerequisite:** None.

**Restriction:** Must be a: Graduate, Professional.

**Registration Information:** Credit not allowed for both ANTH 650 and ESS 650.

**Term Offered:** Spring (even years).

**Grade Mode:** Traditional.

**Special Course Fee:** No.

**ANTH 660  Field Archaeology  Credits: Var[2-10] (0-0-0)**

**Course Description:** Field applications of nondestructive survey methods, advanced cartographic and excavation methods, project supervision skills.

**Prerequisite:** ANTH 460.

**Restriction:** Must be a: Graduate, Professional.

**Registration Information:** Two seasons of field experience may substitute for ANTH 460. Required field trips.

**Terms Offered:** Fall, Summer.

**Grade Mode:** Instructor Option.

**Special Course Fee:** Yes.

**ANTH 674  Research Design and Analysis in Anthropology  Credits:** 4 (3-2-0)

**Course Description:** Learn how to formulate anthropological research questions, design a research project, organize and analyze data, and visualize and interpret results.

**Prerequisite:** None.

**Restriction:** Must be a: Graduate, Professional.

**Registration Information:** Must register for lecture and laboratory.

**Term Offered:** Fall (even years).

**Grade Mode:** Traditional.

**Special Course Fee:** No.

**ANTH 679  Applications of International Development  Credits: 3 (3-0-0)**

**Also Offered As:** IE 679.

**Course Description:** In-depth interdisciplinary analysis of theoretical and practical issues in implementing economic and community-based international development programs.

**Prerequisite:** None.

**Restriction:** Must be a: Graduate, Professional.

**Registration Information:** Graduate standing. Credit not allowed for both ANTH 679 and IE 679.

**Terms Offered:** Fall, Spring (odd years).

**Grade Mode:** Traditional.

**Special Course Fee:** No.

**ANTH 684  Supervised College Teaching  Credits: Var[1-18] (0-0-0)**

**Course Description:**

**Prerequisite:** None.

**Restriction:** Must be a: Graduate, Professional.

**Terms Offered:** Fall, Spring, Summer.

**Grade Mode:** Instructor Option.

**Special Course Fee:** No.

**ANTH 686  Practicum-Field Archaeology  Credits: Var[1-18] (0-0-0)**

**Course Description:** Direction of anthropological fieldwork under professional supervision.

**Prerequisite:** None.

**Restriction:** Must be a: Graduate, Professional.

**Terms Offered:** Fall, Spring, Summer.

**Grade Mode:** Instructor Option.

**Special Course Fee:** No.

**ANTH 689  Applications of International Development  Credits: 3 (3-0-0)**

Also Offered As: IE 679.

**Course Description:** In-depth interdisciplinary analysis of theoretical and practical issues in implementing economic and community-based international development programs.

**Prerequisite:** None.

**Restriction:** Must be a: Graduate, Professional.

**Registration Information:** Graduate standing. Credit not allowed for both ANTH 679 and IE 679.

**Terms Offered:** Fall, Spring (odd years).

**Grade Mode:** Traditional.

**Special Course Fee:** No.

**ANTH 692  Seminar  Credits:** 3 (0-0-3)

**Course Description:** Current trends of research in archaeology; cultural and physical anthropology.

**Prerequisite:** None.

**Restriction:** Must be a: Graduate, Professional.

**Terms Offered:** Fall, Spring.

**Grade Mode:** Instructor Option.

**Special Course Fee:** Yes.

**ANTH 695  Independent Study  Credits: Var[1-18] (0-0-0)**

**Course Description:**

**Prerequisite:** None.

**Restriction:** Must be a: Graduate, Graduate cooperative program, Professional.

**Terms Offered:** Fall, Spring, Summer.

**Grade Mode:** Instructor Option.

**Special Course Fee:** No.

**ANTH 696  Group Study-Anthropological Theory  Credits: Var[1-3] (0-0-0)**

**Course Description:** Intensive analysis of selected topics and theories in anthropology, both historical and contemporary.

**Prerequisite:** None.

**Restriction:** Must be a: Graduate, Professional.

**Terms Offered:** Fall, Spring.

**Grade Mode:** Instructor Option.

**Special Course Fee:** No.

**ANTH 699  Thesis  Credits: Var[1-18] (0-0-0)**

**Course Description:**

**Prerequisite:** None.

**Restriction:** Must be a: Graduate, Professional.

**Terms Offered:** Fall, Spring, Summer.

**Grade Mode:** Instructor Option.

**Special Course Fee:** No.
ANTH 792  Special Topics in Anthropology  Credits: 3 (0-0-3)
**Course Description:** A seminar course offering special topics each time the course is taught. Recent readings from the literature will be used to foster discussion.
**Prerequisite:** None.
**Restriction:** Must be a: Graduate, Professional.
**Grade Mode:** Traditional.
**Special Course Fee:** No.

ANTH 795  Independent Study  Credits: Var[1-6] (0-0-0)
**Course Description:**
**Prerequisite:** None.
**Restriction:** Must be a: Graduate, Professional.
**Terms Offered:** Fall, Spring, Summer.
**Grade Mode:** Instructor Option.
**Special Course Fee:** No.

ANTH 799  Dissertation  Credits: Var[1-18] (0-0-0)
**Course Description:**
**Prerequisite:** None.
**Restriction:** Must be a: Graduate, Professional.
**Terms Offered:** Fall, Spring, Summer.
**Grade Mode:** Instructor Option.
**Special Course Fee:** No.

**Geography (GR)**

GR 100  Introduction to Geography (GT-SS2)  Credits: 3 (3-0-0)
**Course Description:** Major geographic themes applied to selected regions; physical environment, human-land relationships, regional analysis.
**Prerequisite:** None.
**Registration Information:** Sections may be offered: Online.
**Terms Offered:** Fall, Spring.
**Grade Mode:** Traditional.
**Special Course Fee:** No.
**Additional Information:** Social & Behavioral Sciences 3C, Geography (GT-SS2).

GR 102  Geography of Europe and the Americas (GT-SS2)  Credits: 3 (3-0-0)
**Course Description:** Examines the physical and human geographies of Europe, including the former Soviet Union, and the Americas from the Southern Cone to Canada. Focus is on the content of these geographies, why they exist, and their current significance; supported by extensive map analysis.
**Prerequisite:** None.
**Registration Information:** Credit not allowed for both GR 102 and GR 180A1.
**Term Offered:** Fall.
**Grade Mode:** Traditional.
**Special Course Fee:** No.
**Additional Information:** Diversity, Equity, & Inclusion 1C, Geography (GT-SS2).

GR 110  Introduction to Physical Geography (GT-SC2)  Credits: 3 (3-0-0)
**Course Description:** Introduction to the fundamentals of physical geography including climatology, climate change, biogeography, plate tectonics, landforms and soils. Explore the science of mapping the physical earth, spatial analysis and thinking, and human-environment interactions.
**Prerequisite:** None.
**Registration Information:** Sections may be offered: Online.
**Term Offered:** Spring.
**Grade Mode:** Traditional.
**Special Course Fee:** No.
**Additional Information:** Biological & Physical Sciences 3A, Natural & Physical Sciences w/o lab (GT-SC2).

GR 111  Introduction to Physical Geography Lab (GT-SC1)  Credit: 1 (0-2-0)
**Course Description:** Laboratory application of the principles of physical geography.
**Prerequisite:** None.
**Registration Information:** Credit allowed for only one of the following: GR 204, GR 304, WR 204 or WR 304.
**Term Offered:** Fall.
**Grade Mode:** Traditional.
**Special Course Fee:** No.
**Additional Information:** Biological & Physical Sciences 3A, Natural & Physical Sciences w/ lab (GT-SC1).

GR 204  Sustainable Watersheds (GT-SC2)  Credits: 3 (3-0-0)
**Also Offered As:** WR 204.
**Course Description:** Effects of climate, land use, and water use on the sustainability of water quantity and quality.
**Prerequisite:** None.
**Registration Information:** Credit allowed for only one of the following: GR 204, GR 304, WR 204 or WR 304.
**Terms Offered:** Fall, Spring.
**Grade Mode:** Traditional.
**Special Course Fee:** No.
**Additional Information:** Biological & Physical Sciences 3A, Natural & Physical Sciences w/o lab (GT-SC2).

GR 210  Physical Geography  Credits: 3 (3-0-0)
**Also Offered As:** ESS 210.
**Course Description:** Energy, mass budget, and human impacts on atmosphere, hydrosphere, and continental land surfaces.
**Prerequisite:** None.
**Registration Information:** Credit not allowed for both GR 210 and ESS 210.
**Terms Offered:** Fall, Spring.
**Grade Mode:** Traditional.
**Special Course Fee:** No.

GR 213  Climate Migrants (GT-SS2)  Credits: 3 (3-0-0)
**Course Description:** Explore the various drivers of migration, emphasizing climate and others including biogeographic, political, economic, and social factors.
**Prerequisite:** None.
**Term Offered:** Spring.
**Grade Mode:** Traditional.
**Special Course Fee:** No.
**Additional Information:** Social & Behavioral Sciences 3C, Geography (GT-SS2).
GR 217 Human-Environment Geographies (GT-SS2) Credits: 3 (3-0-0)
Course Description: Examines human-environment relationships using geographic theories, geographic methods, and empirical evidence. Explores cross-scaler geographic interactions that shape environmental change and emphasizes critical thinking and small group interactions.
Prerequisite: None.
Term Offered: Spring.
Grade Mode: Traditional.
Special Course Fee: No.

GR 305 Geography of Global Health Credits: 3 (3-0-0)
Course Description: Study, research and practice of global health using an ecological approach that integrates health with spatial thinking. Focuses on a common set of issues which transcend boundaries, both domestic and international, and a set of actions to address the geographic burden of disease. Key principles and concepts, history of global health transitions, common and emerging health issues.
Prerequisite: ANTH 200 or GR 100 or INST 200.
Term Offered: Spring (even years).
Grade Mode: Traditional.
Special Course Fee: No.

GR 311 GIS for Social Scientists Credits: 3 (1-4-0)
Course Description: Applications of GIS techniques useful to the social sciences. Mapping techniques and GIS toolkits are practiced in lab.
Prerequisite: GR 100.
Registration Information: Sections may be offered: Online.
Terms Offered: Fall, Spring, Summer.
Grade Mode: Traditional.
Special Course Fee: No.

GR 315 Quantitative Geographical Methods Credits: 3 (3-0-0)
Course Description: Methods to collect, analyze, display, and model geographic data.
Prerequisite: GR 100.
Term Offered: Fall (odd years).
Grade Mode: Traditional.
Special Course Fee: No.

GR 320 Cultural Geography Credits: 3 (3-0-0)
Course Description: Geographic analysis of cultural phenomena, elements emphasizing human-land relationships and spatial patterns of agriculture, cities, language, religion.
Prerequisite: GR 100.
Registration Information: Credit allowed for only one of the following: GEOL 381A2, GR 333 and GR 381A2.
Terms Offered: Fall.
Grade Mode: Traditional.
Special Course Fee: No.

GR 330 Urban Geography Credits: 3 (3-0-0)
Course Description: Geographic analysis of urban systems worldwide and by region; their development over time, human-land relationships, and spatial patterns.
Prerequisite: GR 100.
Registration Information: Credit allowed for only one of the following: GEOL 381A2, GR 333 and GR 381A2.
Terms Offered: Fall.
Grade Mode: Traditional.
Special Course Fee: No.

GR 331 Geography of Farming Systems Credits: 3 (3-0-0)
Course Description: Geographic analysis of farming systems worldwide and by region; their development over time, human-land relationships, and spatial patterns.
Prerequisite: GR 100.
Registration Information: Credit allowed for only one of the following: GEOL 381A2, GR 333 and GR 381A2.
Terms Offered: Fall.
Grade Mode: Traditional.
Special Course Fee: No.

GR 332 Remote Sensing and Image Interpretation Credits: 3 (2-2-0)
Course Description: Remote sensing systems and applications; characteristics of photographic, scanner and radar images; imagery interpretations.
Prerequisite: None.
Registration Information: Must register for lecture and laboratory. Credit allowed for only one of the following: GR 323, GR 503, NR 323, NR 503.
Term Offered: Fall.
Grade Mode: Traditional.
Special Course Fee: No.

GR 333 Glaciers and Climate Change Credits: 3 (3-0-0)
Course Description: Glacier mass balance, dynamics, past fluctuations, and glaciers' relation to climate change.
Prerequisite: GR 100 or GR 210 or GEOL 120 or GEOL 122 or GEOL 124 or GEOL 150.
Registration Information: Credit allowed for only one of the following: GEOL 381A2, GR 333 and GR 381A2.
Term Offered: Fall.
Grade Mode: Traditional.
Special Course Fee: No.
GR 348 Biogeography Credits: 3 (3-0-0)
Course Description: Species distribution of plants and animals in relation to earth history and environments, evolution, and ecology.
Prerequisite: GR 000 to 99999 - at least 3 credits.
Terms Offered: Fall, Spring.
Grade Mode: Traditional.
Special Course Fee: No.

GR 400 History of Theory-Anthropology and Geography Credits: 3 (3-0-0)
Also Offered As: ANTH 400.
Course Description: Anthropological/Geographical theory from its beginnings with Aristotle through recent developments into the 20th century.
Prerequisite: (ANTH 100 or ANTH 200) and (ANTH 120 and ANTH 121 and ANTH 140 or GR 100).
Registration Information: Junior or senior standing. Sections may be offered: Online. Credit not allowed for both ANTH 400 and GR 400.
Terms Offered: Fall, Spring.
Grade Mode: Traditional.
Special Course Fee: No.

GR 410 Climate Change: Science, Policy, Implications Credits: 3 (3-0-0)
Course Description: Implications and consequences for earth systems including the cryosphere, hydrosphere, biosphere, and human systems.
Prerequisite: GR 100 to 499 - at least 3 credits.
Registration Information: Junior standing.
Term Offered: Spring.
Grade Mode: Traditional.
Special Course Fee: No.

GR 415 The Geography of Commodities Credits: 3 (3-0-0)
Course Description: Social relations, international trade, and environmental impacts surrounding the production, transportation, exchange, and consumption of commodities.
Prerequisite: GR 100.
Registration Information: Junior standing.
Terms Offered: Fall, Spring, Summer.
Grade Mode: Traditional.
Special Course Fee: No.

GR 418 Development Geographies Credits: 3 (3-0-0)
Course Description: Examines development processes through a critical geography lens. Assesses the social and environmental impacts of various development interventions – from tropical medicine in the colonial era to Green Revolution technologies and current Chinese infrastructural development in Africa.
Prerequisite: GR 100 to 499 - at least 3 credits.
Restriction: Must not be a: Freshman, Sophomore.
Registration Information: Junior standing.
Grade Mode: Traditional.
Special Course Fee: No.

GR 420 Spatial Analysis with GIS Credits: 4 (3-2-0)
Course Description: Theory, application of geographic information systems for spatial analysis; conceptual basis of GIS, nature and use of geographic data, case studies.
Prerequisite: GR 000 to 99999 - at least 3 credits.
Registration Information: Credit not allowed for both GR 420 and NR 322.
Term Offered: Fall.
Grade Mode: Traditional.
Special Course Fee: No.

GR 425A Special Topics: Human Geography Credits: Var[1-3] (0-0-0)
Course Description: Special topics in human geography.
Prerequisite: GR 100 to 499 - at least 3 credits.
Registration Information: May be taken for a maximum of 9 credits.
Grade Mode: Traditional.
Special Course Fee: No.

GR 425B Special Topics: Geospatial Geography Credits: Var[1-3] (0-0-0)
Course Description: Special topics in geospatial approaches in geography.
Prerequisite: GR 100 to 499 - at least 3 credits.
Registration Information: May be taken for a maximum of 9 credits.
Grade Mode: Traditional.
Special Course Fee: No.

GR 425C Special Topics: Physical Geography Credits: Var[1-3] (0-0-0)
Course Description: Special topics in physical geography.
Prerequisite: GR 100 to 499 - at least 3 credits.
Registration Information: May be taken for a maximum of 9 credits.
Grade Mode: Traditional.
Special Course Fee: No.

GR 430 Land Change Science and Remote Sensing Credits: 3 (3-0-0)
Course Description: Local case studies and global cases of land-use/land-cover changes in rural, peri-urban, and urban areas.
Prerequisite: GR 100.
Registration Information: Junior standing.
Term Offered: Spring (even years).
Grade Mode: Traditional.
Special Course Fee: No.

GR 431 Land Change Science Lab Credit: 1 (0-3-0)
Course Description: Utilize advanced remote sensing techniques and satellite images, air photos, and ancillary data to investigate land-use and land-cover changes.
Prerequisite: GR 323 or NR 323 or GR 503 or NR 503.
Registration Information: Must have concurrent registration in GR 430.
Term Offered: Spring (even years).
Grade Mode: Traditional.
Special Course Fee: No.

GR 440 Political Geography Credits: 3 (3-0-0)
Also Offered As: POLS 440.
Course Description: Examines the meaning of political space; states and nations; competition for territory, including methods and justifications; the structure of political space focusing on states; geopolitics; and the state in an era of globalization. Concepts are illustrated by real-world situations.
Prerequisite: GR 100 or POLS 101.
Registration Information: Sophomore standing. Sections may be offered: Online or Mixed Face-to-Face. Credit not allowed for both GR 440 and POLS 440.
Grade Mode: Traditional.
Special Course Fee: No.

GR 448 Forest Biogeography and Climate Change Credits: 3 (3-0-0)
Course Description: Forest adaptation and conservation in relation to global change with a focus on climate change.
Prerequisite: ESS 211 or ESS 311 or F 311 or GR 100 or GR 210 or ESS 210 or GR 303 or GR 348 or GR 410.
Registration Information: Junior standing.
Term Offered: Spring (odd years).
Grade Mode: Traditional.
Special Course Fee: No.
GR 482A  Study Abroad--Vietnam: Land Change Science and Remote Sensing Credits: 3 (0-0-3)
Course Description: Vietnam specific local case studies of land-use/land-cover changes in rural, peri-urban, and urban areas. Integrate these local cases as examples that relate to global cases looking at the drivers of land-use/land-cover changes. The broader implications of these changes are discussed, and examples of these implications are witnessed through field visits.
Prerequisite: GR 100.
Registration Information: Sophomore standing. Credit not allowed for both GR 430 and GR 482A.
Term Offered: Summer.
Grade Mode: Traditional.
Special Course Fee: No.

GR 487  Internship Credits: Var[1-9] (0-0-0)
Course Description: Academic-based work experience with selected organizations or agencies. Supervised application of principles of geography.
Prerequisite: GR 100 to 499 - at least 9 credits.
Terms Offered: Fall, Spring, Summer.
Grade Mode: Traditional.
Special Course Fee: No.

GR 493  Capstone Seminar Credit: 1 (0-0-1)
Course Description: Exploration of the linkages among the human and physical geography sub-fields, geographic techniques, and other natural and social sciences as well as how professional geographers approach issues.
Prerequisite: None.
Registration Information: Junior standing. Concurrent registration in one of the following AUCC Category 4A courses for the Major in Geography: GR 303, GR 410, GR 415, or GR 430.
Terms Offered: Fall, Spring.
Grade Mode: Traditional.
Special Course Fee: No.

GR 495  Independent Study Credits: Var[1-3] (0-0-0)
Course Description:
Prerequisite: None.
Terms Offered: Fall, Spring.
Grade Mode: Instructor Option.
Special Course Fee: No.

GR 503  Remote Sensing and Image Analysis Credits: 4 (3-3-0)
Also Offered As: NR 503.
Course Description: Interpretation and analysis of photographic, multispectral scanner, and radar data; sensor systems; applications to resource management.
Prerequisite: None.
Registration Information: Must register for lecture and laboratory. Credit allowed for only one of the following: GR 323, GR 503, NR 323, or NR 503.
Term Offered: Fall.
Grade Mode: Traditional.
Special Course Fee: No.

GR 548  Biogeography Credits: 3 (3-0-0)
Course Description: Species distribution of plants and animals in relation to earth history and environments, evolution, and ecology.
Prerequisite: None.
Restriction: Must be a: Graduate.
Registration Information: Graduate Standing.
Term Offered: Spring (odd years).
Grade Mode: Traditional.
Special Course Fee: No.

GR 592  Special Topics in Geography Credits: 3 (0-0-3)
Course Description: Recent papers from the literature will be used to foster discussion among participants.
Prerequisite: None.
Registration Information: Graduate standing.
Grade Mode: Traditional.
Special Course Fee: No.