Department of Anthropology

Office in Clark Building, Room B219
(970) 491-5447
anthropology.colostate.edu (http://anthropology.colostate.edu)

Professor Michelle Glantz, Chair

Undergraduate Majors
- Major in Anthropology
  - Archaeology Concentration
  - Biological Anthropology Concentration
  - Cultural Anthropology Concentration
  - Geography Concentration

Minors
- Minor in Anthropology
- Minor in Geography

Graduate Programs in Anthropology

The department offers graduate programs leading to a Master of Arts degree (Plan A thesis option or Plan B portfolio option). It also has a Master of Arts specialization in each of four programmatic areas: Health and Well-Being, Humans and the Environment, International Development and Globalization, and Professional Methods and Techniques. Students may develop a research project or professional program in these programmatic areas, or in any area related to our faculty’s research interests.

Health and Well-Being—Studies the ways that human health and wellness are influenced by past and present sociocultural, environmental, biological, and biocultural forces, by drawing from broad and holistic perspectives on human well-being.

Humans and the Environment—Investigates how past and present human activities influence the environment; the ways ecological and other processes affect human evolution and the human condition today; and the resilience of social and ecological systems.

International Development and Globalization—Examines how local societies respond to global influences; the extent to which cultural meanings, beliefs, institutions, structures of inequality, and social relations between genders and among kin are changing as a result; and how processes of economic and community development can improve basic aspects of human welfare.

Professional Methods and Techniques—Develops skills in a wide range of methods and techniques used by professionals in applied anthropology, federal and state natural resource agencies, and other arena of social, historical, biological and spatial research about humans. These include qualitative research and interview protocols, quantitative analysis, GIS and remote sensing, archaeological field survey, historic archaeological methods, culture and heritage resource management, and paleoanthropological methods.

Students interested in graduate work should refer to the Graduate and Professional Bulletin, and the department’s website (http://anthropology.colostate.edu).

Master Programs
- Master of Arts in Anthropology
- Master of Arts in Anthropology, Plan A, The Anthropology of Health and Well-Being Specialization
- Master of Arts in Anthropology, Plan B, The Anthropology of Health and Wellness Specialization
- Master of Arts in Anthropology, Plan A, Humans and the Environment Specialization
- Master of Arts in Anthropology, Plan B, Humans and the Environment Specialization
- Master of Arts in Anthropology, Plan A, International Development Specialization
- Master of Arts in Anthropology, Plan B, International Development Specialization
- Master of Arts in Anthropology, Plan A, Professional Methods and Techniques Specialization
- Master of Arts in Anthropology, Plan B, Professional Methods and Techniques Specialization

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 120  Human Origins and Variation (GT-SC2)  Credits: 3 (3-0-0)
Course Description:  Mechanisms of evolution; genetics. Living primate biology, behavior, and history. Human evolutionary history. Human variation and adaptation.
Prerequisite:  None.
Registration Information:  Sections may be offered: Online.
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 Prehistory (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 200  Cultures and the Global System (GT-SS3)  Credits: 3 (3-0-0)
Course Description:  Analyze diversity, cultural responses, and adaptations of smaller-scale societies 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:  Global & Cultural Awareness 3E, Human Behavior, Culture, or Social Frameworks (GT-SS3).

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 295  Independent Study  Credits: Var[1-3]
Course Description:  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.
Terms Offered:  Fall, Spring, Summer.
Grade Mode:  Traditional.
Special Course Fee:  No.

ANTH 314  Southeast Asian Cultures and Societies  Credits: 3 (3-0-0)
Course Description:  Colonial and post-colonial cultures, globalization processes, and changing ethnic and gender identities in Southeast Asian societies.
Prerequisite:  ANTH 100 or ANTH 200.
Term Offered:  Spring (even years).
Grade Mode:  Traditional.
Special Course Fee:  No.

ANTH 318  Peoples and Cultures of the Southwest  Credits: 3 (3-0-0)
Also Offered As:  ETST 318.
Course Description:  Analyze development of cultures of the American Southwest; colonialism, migration, political incorporation, and socioeconomic processes.
Prerequisite:  ANTH 100.
Registration Information:  Credit not allowed for both ANTH 318 and ETST 318. Sections may be offered: Online.
Terms Offered:  Fall, Spring (even years).
Grade Mode:  Traditional.
Special Course Fee:  No.

ANTH 319  Latin American Peasantries  Credits: 3 (3-0-0)
Also Offered As:  ETST 319.
Course Description:  Sociocultural, economic, and political responses of Latin American peasantries to poverty and global processes.
Prerequisite:  ANTH 100 or ANTH 200 or ETST 100.
Registration Information:  Credit not allowed for both ANTH 319 and ETST 319.
Terms Offered:  Fall, Spring.
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 329 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 Modes: S/U within Student Option, Trad within Student Option.
Special Course Fee: No.

ANTH 330 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.
Prerequisites: (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 334 Narrative Traditions and Social Experience Credits: 4 (3-2-0)
Course Description: Relationship between narrative traditions and social contexts of their creation.
Prerequisite: ANTH 100 or ANTH 200 or E 140 or SOC 100.
Term Offered: Spring (even years).
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 335 Language and Culture Credits: 3 (3-0-0)
Course Description: Human language and primate communication, nonverbal channels, sociolinguistics, and language change.
Prerequisite: None.
Term Offered: Fall (odd years).
Grade Modes: S/U within Student Option, Trad within Student Option.
Special Course Fee: No.

ANTH 336 Art and Culture Credits: 3 (3-0-0)
Course Description: Art expression is a defining factor in cultural identity and representation in a modern world where geographical and political borders are diminishing.
Prerequisite: ANTH 100 or ANTH 200.
Restriction: None.
Registration Information: Sections may be offered: Online.
Terms Offered: Fall, Spring, Summer.
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 338 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 340 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 (odd years).
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 Geoarchaeology 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 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.
Term Offered: Spring.
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 370 Primate Behavior and Ecology 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.
Term Offered: Spring (even years).
Grade Modes: S/U within Student Option, Trad within Student Option.
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.
Term Offered: Spring.
Grade Modes: S/U within Student Option, Trad within Student Option.
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: Sections may be offered: Online.
Term Offered: Fall (even 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 Human Cognition - Language and Thought Credits: 3 (2-0-1)
Course Description: The development and use of language as a unique characteristic of humans.
Prerequisite: ANTH 120 or BZ 120 or BZ 121.
Registration Information: Sections may be offered: Online.
Term Offered: Spring (even years).
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 378 Human Biological Variation Credits: 3 (3-0-0)
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 laboratory.
Term Offered: Spring (even years).
Grade Modes: S/U within Student Option, Trad within Student Option.
Special Course Fee: No.

ANTH 379 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.
Term Offered: Spring.
Grade Modes: S/U within Student Option, Trad within Student Option.
Special Course Fee: Yes.

ANTH 380 History of Anthropology Credits: 3 (3-0-0)
Course Description: Critical examination of history, public policy, and tribal strategies for economic development and natural resource management in Indian Country.
Prerequisite: None.
Registration Information: Credit not allowed for both ANTH 414 and ETST 414.
Term Offered: Fall (even years).
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 381 History of Anthropological Thought Credits: 3 (3-0-0)
Course Description: Anthropological theory from its beginnings in 19th century through recent developments into the 20th century.
Prerequisites: (ANTH 100 or ANTH 200) and (ANTH 140 and ANTH 120 and ANTH 121).
Registration Information: Junior or senior standing. Sections may be offered: Online.
Terms Offered: Fall, Spring, Summer.
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 382 Human Biological Variation Credits: 3 (3-0-0)
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 laboratory.
Term Offered: Spring (even years).
Grade Modes: S/U within Student Option, Trad within Student Option.
Special Course Fee: Yes.

ANTH 383 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.
Term Offered: Spring.
Grade Modes: S/U within Student Option, Trad within Student Option.
Special Course Fee: Yes.

ANTH 384 History of Anthropology Credits: 3 (3-0-0)
Course Description: Critical examination of history, public policy, and tribal strategies for economic development and natural resource management in Indian Country.
Prerequisite: None.
Registration Information: Credit not allowed for both ANTH 414 and ETST 414.
Term Offered: Fall (even years).
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 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 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: Sections may be offered: Online.
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: Sections may be offered: Online.
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, postmodernism, 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]
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 and gaming communities.
Prerequisite: ANTH 100 or ANTH 200.
Registration Information: Junior or senior 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: Sections may be offered: Online.
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 449 Participatory Monitoring and Evaluation  Credits: 3 (3-0-0)
Course Description: Participatory methods in the monitoring and evaluation of development projects, where multiple stakeholders are involved in the process.
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 450 Hunter-Gatherer Ecology  Credits: 3 (0-0-3)
Course Description: Development of anthropological method and theory; study of contemporary and prehistoric foraging peoples.
Prerequisites: ANTH 100 and ANTH 120 and ANTH 121 and ANTH 140.
Term Offered: Fall (odd years).
Grade Modes: S/U within Student Option, Trad within Student Option.
Special Course Fee: No.

ANTH 451 Andean Archaeology and Ethnohistory  Credits: 3 (3-0-0)
Course Description: Prehistory and colonial experiences of native Andean peoples.
Prerequisite: ANTH 100 or ANTH 140.
Term Offered: Fall (odd years).
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 452 Archaeology of Mesoamerica  Credits: 3 (3-0-0)
Course Description: Ancient cultures and civilizations in Middle America.
Prerequisite: ANTH 140.
Term Offered: Fall.
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 453 Impacts on Ancient Environments  Credits: 3 (3-0-0)
Course Description: Major issues and case studies in the archaeology of ancient human societies and their environmental impacts.
Prerequisite: ANTH 140.
Term Offered: Fall.
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.
Prerequisites: (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 460 Field Class in Archaeology  Credits: Var[3-8]
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 465 Zooarchaeology  Credits: 3 (2-2-0)
Course Description: Analysis of animal bones from archaeological sites to develop interpretations of past human behavior.
Prerequisites: 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 469 Archaeology Seminar in Mesopotamian Prehistory  Credits: 3 (0-0-3)
Course Description: Origins of human society from the stone age to urban civilizations using architecture, art, tools, and other material remains.
Prerequisite: ANTH 100 to 99999 - at least 6 credits.
Registration Information: Sections may be offered: Online.
Terms Offered: Fall, Spring, Summer.
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 (even 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.
Prerequisites: (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 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  Practicum  Credits: Var[1-6]
Course Description: Application of anthropological methods under actual project conditions.
Prerequisite: ANTH 100 to 499.
Term Offered: Fall, Spring, Summer.
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 477  Practicum  Credits: Var[1-6]
Course Description: Application of anthropological methods under actual project conditions.
Prerequisite: ANTH 100 to 499.
Term Offered: Fall, Spring, Summer.
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 478  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: Must be a: Junior.
Registration Information: Junior standing. Credit not allowed for both ANTH 478 and HIST 478.
Term Offered: Spring (even years).
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 479  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 479 and IE 479.
Term Offered: Fall.
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 480  Internship  Credits: Var[1-9]
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.
Term Offered: Fall, Spring, Summer.
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 484  Supervised College Teaching  Credits: Var[1-5]
Course Description: Credit Mode: Instructor Option.
Registration Information: 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]
Course Description: Application of anthropological methods under actual project conditions.
Prerequisite: None.
Term Offered: Fall, Spring, Summer.
Grade Modes: S/U within Student Option, Trad within Student Option.
Special Course Fee: No.

ANTH 487  Practicum  Credits: Var[1-6]
Course Description: Application of anthropological methods under actual project conditions.
Prerequisite: ANTH 100 to 499.
Term Offered: Fall, Spring, Summer.
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 490  Advanced Field School  Credits: Var[1-6]
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.
Term Offered: Spring (odd years).
Grade Mode: Traditional.
Special Course Fee: Yes.

ANTH 492  Seminar: Archaeology  Credits: 3 (0-0-3)
Course Description: Linkages between anthropological subfields and how professional anthropologists approach issues.
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 492A  Seminar: Biological Anthropology  Credits: 3 (0-0-3)
Course Description: Linkages between anthropological subfields and how professional anthropologists approach issues.
Prerequisite: ANTH - at least 6 credits.
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: Linkages between anthropological subfields and how professional anthropologists approach issues.
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)
Course Description: Linkages between anthropological subfields and how professional anthropologists approach issues.
Prerequisite: None.
Registration Information: Concurrent registration in a 4A course (see department list). Sections may be offered: Online.
Terms Offered: Fall, Spring, Summer.
Grade Mode: Traditional.
Special Course Fee: No.

ANTH 494  Independent Study  Credits: Var[1-9]
Course Description: Linkages between anthropological subfields and how professional anthropologists approach issues.
Prerequisite: None.
Terms Offered: Fall, Spring, Summer.
Grade Mode: Instructor Option.
Special Course Fee: No.

ANTH 495  Independent Study  Credits: Var[1-3]
Course Description: Linkages between anthropological subfields and how professional anthropologists approach issues.
Prerequisite: None.
Terms Offered: Fall, Spring, Summer.
Grade Mode: Instructor Option.
Special Course Fee: No.

ANTH 496  Group Study  Credits: Var[1-3]
Course Description: Linkages between anthropological subfields and how professional anthropologists approach issues.
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 515 Culture and Environment 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.
Restriction: Must be a: Graduate, Professional.
Registration Information: Graduate standing.
Term Offered: Spring.
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, 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 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 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.
Restriction: Must be a: Graduate, Professional.
Registration Information: Graduate standing.
Term Offered: Fall (odd years).
Grade Modes: S/U within Student Option, Trad within Student Option.
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.
Restriction: Must be a: Graduate, Professional.
Registration Information: Graduate standing.
Term Offered: Spring (even 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 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 (1-2-1)
Course Description: Cross-cultural study of mental health and healing; cultural, clinical, and neurological perspectives; integration of theory and method.
Prerequisite: None.
Registration Information: Graduate standing. Undergraduates must have written consent of instructor.
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 550A Regional Prehistory: Great Plains  Credits: 3 (0-0-3)
Course Description:
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:
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:
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 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: NR 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 not be a: Freshman, Freshman, Sophomore, Sophomore.
Registration Information: Junior or senior standing. Credit not allowed for both ANTH 554 and 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 Field Methods Training in Online Environments  Credits: 3 (2-2-0)
Course Description: Collaborative analysis of ethnographic field data collected in online virtual worlds; mixed methods applicable to other built and natural places.
Prerequisite: None.
Registration Information: Graduate standing.
Term Offered: Spring.
Grade Mode: Traditional.
Special Course Fee: No.
ANTH 570 Contemporary Issues-Biological Anthropology Credits: 3 (0-0-3)
**Course Description:** Theory and applications in biological anthropology focusing on syntheses and interpretations of human biology, variation, adaptability, and evolution.
**Prerequisite:** None.
**Registration Information:** Six credits in biological anthropology.
**Term Offered:** Fall.
**Grade Mode:** Traditional.
**Special Course Fee:** No.

ANTH 571 Anthrology and Global Health Credits: 3 (3-0-0)
**Course Description:** Global health concerns and problems including poverty, urbanization, malnutrition, diet, war and refugees, climate, and environment.
**Prerequisite:** None.
**Restriction:** Must not be a: Undergraduate.
**Registration Information:** Graduate standing.
**Term Offered:** Fall (even years).
**Grade Mode:** Traditional.
**Special Course Fee:** No.

ANTH 572 Human Origins Credits: 3 (0-0-3)
**Course Description:** Major trends in human evolution through use of detailed case studies and regionally focused primary research.
**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 573 Paleoclimate and Human Evolution Credits: 3 (3-0-0)
**Course Description:** Methods used to reconstruct past environments and understand the effects of past climate on the major trends of human evolution.
**Prerequisite:** None.
**Registration Information:** Graduate standing.
**Term Offered:** Spring (even years).
**Grade Mode:** Traditional.
**Special Course Fee:** No.

ANTH 643 Advanced Ethnographic Field Methods Credits: 3 (0-3-0)
**Course Description:** Development of applied field methods and research questions for graduate-level ethnographic field research.
**Prerequisite:** None.
**Restriction:** Must be a: Graduate, Professional.
**Registration Information:** Graduate standing.
**Term Offered:** Spring.
**Grade Mode:** Traditional.
**Special Course Fee:** No.

ANTH 646 Group Study-Anthropological Theory Credits: Var[1-18]
**Course Description:** Intensive analysis of selected topics and theories in anthropology, both historical and contemporary.
**Prerequisite:** None.
**Restriction:** Must be a: Graduate, Professional.
**Term Offered:** Fall, Spring.
**Grade Mode:** Instructor Option.
**Special Course Fee:** No.

ANTH 649 Thesis Credits: Var[1-18]
**Course Description:**
**Prerequisite:** None.
**Restriction:** Must be a: Graduate, Professional.
**Term Offered:** Fall, Spring.
**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 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.
Term Offered: Fall (even years).
Grade Mode: Traditional.
Special Course Fee: No.
GR 303  Mountain Geography  Credits: 3 (3-0-0)
Also Offered As: WR 303.
Course Description: The physical and human dimensions of mountains. Examples from mountains around the world with case studies from Colorado.
Prerequisite: GR 000 to 99999 - at least 3 credits.
Registration Information: Junior standing.
Terms Offered: Fall, Spring.
Grade Mode: Traditional.
Special Course Fee: No.
GR 304  Sustainable Watersheds  Credits: 3 (3-0-0)
Also Offered As: WR 304.
Course Description: Effects of climate, land use, and water use on the sustainability of water quantity and quality.
Prerequisite: None.
Registration Information: Completion of the AUCC 1B mathematics requirement. Credit not allowed for both GR 304 and WR 304.
Terms Offered: Fall, Spring.
Grade Mode: Traditional.
Special Course Fee: No.
Additional Information: Biological & Physical Sciences 3A.
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: Sections may be offered: Online.
Term Offered: Fall (odd years).
Grade Modes: S/U within Student Option, Trad within Student Option.
Special Course Fee: No.
GR 323  Remote Sensing and Image Interpretation  Credits: 3 (2-2-0)
Also Offered As: NR 323.
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 330  Urban Geography  Credits: 3 (3-0-0)
Course Description: Spatial distribution of urban areas and the geographic similarities and contrasts that exist between and within them.
Prerequisite: GR 100.
Registration Information: Sections may be offered: Online.
Terms Offered: Fall, Spring, Summer.
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.
Term Offered: Spring (odd years).
Grade Mode: Traditional.
Special Course Fee: No.
GR 345  Geography of Hazards  Credits: 3 (3-0-0)
Course Description: Causes, effects, distributional patterns, and human adjustments to environmental hazards.
Prerequisite: GR 210.
Term Offered: Spring (odd years).
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 410  Climate Change: Science, Policy, Implications  Credits: 3 (3-0-0)
Course Description: Implications and consequences for earth systems including the cryosphere, hydrosphere, and biosphere.
Prerequisite: GR 000 to 9999 - 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 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 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.
Term Offered: Spring (even years).
Grade Mode: Traditional.
Special Course Fee: No.

GR 487  Internship  Credits: Var[1-9]
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 495  Independent Study  Credits: Var[1-3]
Course Description: 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 503, GR 323, NR 323, NR 503.
Term Offered: Fall.
Grade Mode: Traditional.
Special Course Fee: No.