

ANTHROPOLOGY

Undergraduate Program Information

Anthropology is the study of humankind, a multidisciplinary endeavor involving the social sciences, the humanities, and the natural sciences. Anthropologists study the human species and the human condition in all its diversity. Anthropologists ask questions such as: "Who are we?" "Where did we come from?" "How did we get here?" "Why are we different from each other?" and, "How can we better understand each other?"

Studies in anthropology might focus, for example, on human paleontology, evolution, contemporary human health and biological variation, the culture of medicine and contemporary health systems, agriculture and foodways, historic archaeology of the Camino Real, Native American visual culture, Indigenous ways of knowing, gender and culture, or archaeology of the American Southwest and Mesoamerica.

Undergraduate education at New Mexico State University covers all four sub-disciplines of the field:

Biological Anthropology - the study of human origins, primate relatives, and human biological diversity

Archaeology - the study of the origin and change of the human past in both historic and prehistoric times, using material remains

Cultural Anthropology - the study of beliefs, values, shared understandings, traditions and modern practices of peoples from around the world

Linguistic Anthropology - the study of human language, linguistic diversity, and speech

Graduate Program Information

The Anthropology M.A. program is designed for students who are interested in the traditional sub-disciplines of anthropology, as well as such related fields as cultural resource management, food studies, medical anthropology, museum studies, and social impact assessment. The program is directed both toward students who intend to take a terminal M.A. degree and students who intend, after NMSU, to enter a Ph.D. program. In addition to the M.A. in anthropology, our program also offers graduate minors in anthropology, archaeology, food studies, and Native American studies, as well as graduate certificates in cultural resource management and museum studies.

An undergraduate anthropology degree is not required for entry into the M.A. program. Students who lack the equivalent of ANTH 301, ANTH 315, and ANTH 355 may be required to take these courses. ANTH 350 or the equivalent is recommended.

Degrees for the Department

Bachelor Degree(s)

[Anthropology - Bachelor of Arts](#)

[Anthropology \(Culture & Language\) - Bachelor of Arts](#)

Master Degree(s)

[Anthropology - Master of Arts](#)

Minors for the Department Undergraduate

[Anthropology - Undergraduate Minor](#)

[Archaeology - Undergraduate Minor](#)

[Medical Anthropology - Undergraduate Minor](#)

[Native American Studies - Undergraduate Minor](#)

[Religious Studies - Undergraduate Minor](#)

[Sustainable Development - Undergraduate Minor](#)

Graduate

[Anthropology - Graduate Minor](#)

[Archaeology - Graduate Minor](#)

[Food Studies - Graduate Minor](#)

[Native American Studies - Graduate Minor](#)

Graduate Certificates

[Cultural Resource Management - Graduate Certificate](#)

[Museum Studies - Graduate Certificate](#)

Professor, Rani T. Alexander, Department Head

Professors Alexander, Arakawa, Stanford, Walker; **Associate Professors** Jenks, Scott; **Assistant Professors** Badoni, Olszowy; **College Professors** Pepion; **Emeritus Professors** Benefit, Chaiken, Conelly, Eber, McCrossin, O'Leary, Rushforth, Staski, Trevathan.

R. T. Alexander, Department Head, Ph.D. (New Mexico)– Mesoamerican archaeology, historical archaeology of Yucatan, ethnohistory and colonialism, agrarian ecology, zooarchaeology; F. Arakawa, Ph.D. (Washington State)– prehistoric American Southwest, lithic technological organization, pottery in Mesa Verde region, sociopolitical organization in tribal-level societies; G. Badoni (Arizona) - Native American visual culture studies, Native women studies, American Indian studies; K. Olszowy, Ph.D. (Binghamton) - economic development and chronic disease risk, sex/gender-based disparities in obesity risk, mental and physical health outcomes associated with natural disasters, child growth and development, and the biology of poverty; D. Pepion, Ed.D. (Montana State)– Native American studies, ethnohistory, anthropology and education; M. A. T. Scott, Ph.D. (Kentucky)– medical Anthropology, public health, transnational migration, Latin America; L. Stanford, Ph.D. (Florida)– agriculture, organizations, food studies, globalization, sociocultural anthropology, Latin America; W. Walker, Ph.D. (Arizona)– Southwestern archaeology, theory and field method in archaeology, ritual prehistory.

Anthropology Courses

ANTH 1115G. Introduction to Anthropology 3 Credits (3)

Anthropology is the systematic study of the humanity both past and present. The course introduces students to the four subfields of anthropology, which include archaeology, biological, linguistic and cultural anthropology. Students will learn about the concepts and methods that anthropologists use to study our species and gain a broader perspective on the human experience.

Learning Outcomes

1. Describe and summarize terms, approaches, and cultural and biological adaptations in the four subfields of anthropology. Explain and analyze conceptual and ethical arguments in the four subfields of anthropology. Effectively communicate content, perspectives, and ideas in four subfields of anthropology. Critically evaluate sources, approaches, and arguments in the four subfields of anthropology.

ANTH 1135G. Introduction to Biological Anthropology 3 Credits (3)

This course provides a basic introduction to the broad field of biological anthropology. The research interests of biological anthropologists include the history and development of modern evolutionary biology, molecular and population genetics, modern primates, the primate and human fossil record, and modern human biological diversity.

Corequisite(s): ANTH 1135L.

Learning Outcomes

1. Summarize the basic principles of evolution and recognize how they apply to the human species. Recognize the biological and behavioral continuity of humans with all life, and especially other modern primate species. Identify ways in which the human species is biologically and behaviorally unique. Summarize fossil evidence for human evolution. Distinguish the major Paleolithic industries and outline the behavioral and cognitive changes indicated by the fossil and archeological evidence. Critically evaluate popular accounts of human variation and human evolution. Interpret modern human dilemmas (e.g., overpopulation, co-evolution of disease, and genetic engineering) from an evolutionary perspective. Discuss in class and analyze in writing scholarly arguments concerning course concepts.

ANTH 1135L. Introduction to Biological Anthropology Lab 1 Credit (2P)

This laboratory course expand on the topics covered in lecture course and uses scientific methods and principles to examine evidence for the process of evolution, the nature of heredity, human evolutionary history and family tree relationships, primate ecology and behavior, and modern human diversity. Hands-on experience with fossil and skeletal material will be an important part of the learning process. Corequisite(s): ANTH 1135G

Learning Outcomes

1. Demonstrate an understanding of the scientific method. Employ principles of Mendelian genetics to determine genotype and phenotype probabilities, and calculate gene, genotype, and phenotype frequencies using the Hardy-Weinberg Equilibrium formula. Demonstrate an understanding of cell structure and functions. Use common lab and anthropometric equipment such as a compound microscope and calipers. Discuss primate evolution, and compare and contrast members of the Primate order in terms of structure, behavior, and phylogeny. Classify hominid species based upon selected traits such as anatomical changes associated with bipedalism, changes in the size and structure of the brain, and the development of culture. Locate and describe the major bones of the human skeleton, and identify characteristics of human skeletons or skulls such as gender, age, and ancestry. Discuss current research in genome analysis of various hominid populations.

ANTH 1136. Introduction to Historic Preservation 3 Credits (3)

Introduction to historic preservation, its history, goals, methods, legal basis, and economic importance. Explores public role in decision-making. Community Colleges only.

Learning Outcomes

1. Understand why historic preservation is important;
2. be familiar with what is important to preserve;
3. know who among the general public, state, and federal governments is responsible for preserving the past;
4. Have gained experience in how we all preserve.

ANTH 1137G. Human Ancestors 3 Credits (3)

Evolutionary history of the human species from its origin in the primate order, with primary emphasis on the evolution of humankind during the past three million years. Examination of the social lives of apes and consideration of similarities to and differences from them. Biological foundations of human behavior, emphasizing thought, movement, and interaction.

Learning Outcomes

1. Describe the evolution of the human species, from its origin in the primate order to the emergence of Homo sapiens, and to the present-day.
2. Describe the social lives of apes and identify similarities to and differences between apes and humans.
3. Explain the biological foundations of human behavior.

ANTH 1140G. Introduction to Cultural Anthropology**3 Credits (3)**

This is an introductory course that provides an overview of cultural anthropology as a subfield within the broader discipline of anthropology and as a research approach within the social sciences more generally. The course presents core concepts and methods of cultural anthropology that are used to understand the ways in which human beings organize and experience their lives through distinctive cultural practices. More specifically, this course explores social and cultural differences and similarities around the world through a variety of topics such as: language and communication, economics, ways of making a living, marriage and family, kinship and descent, race, ethnicity, political organization, supernatural beliefs, sex and gender, and globalization. This course ultimately aims to present a broad range of perspectives and practices of various cultural groups from across the globe.

Learning Outcomes

1. Introduce students to the basic concepts and research methods of cultural anthropology as one of the disciplines of social science, including fundamental concepts, such as culture and society, which form the pillars of the discipline (e.g., cultural relativism, cultural persistence and change, world-view and enculturation). Comprehend the importance of studying cultural anthropology. Demonstrate knowledge of the practice of anthropological research in the modern world that is increasingly multicultural, transnational and globally interconnected (e.g., globalization and modern world system). Demonstrate an awareness of how students' own cultures shape their experiences and the way they see the world, as well as help them understand and interact with other cultures. Understand how beliefs, values and assumptions are influenced by culture, biology, history, economic, and social structures. Gain a sense of relationship with people possessing different experiences from their own. Gain a deeper understanding and appreciation for cultural anthropology as a broad discipline through learning about its practices, and differentiating cultural anthropology from other disciplines that study

ANTH 1160G. World Archaeology**3 Credits (3)**

This course is an exploration of human evolution and cultural development throughout the world. Students will be introduced to basic anthropological methods and theories and will learn how anthropological research has contributed to our understanding of major themes in human prehistory, including human evolution, the origins of culture, migration and colonization, animal and plant domestication, and the rise and fall of civilizations.

Learning Outcomes

1. Describe and explain the major developments in human prehistory.
2. Identify and describe major archaeological cultures throughout the world.
3. Employ critical thinking skills in the evaluation of competing theories about the past.
4. Select and use relevant archaeological evidence to explain how prehistoric populations adapted to their natural and cultural environments.
5. Demonstrate competency in written communication.

ANTH 2140G. Indigenous Peoples of North America**3 Credits (3)**

This course is a general survey of the history and ethnology of indigenous groups in North America. The course is designed to give students a comprehensive view of major issues pertaining to the indigenous cultures of North America, such as family structure, social organization, subsistence and contemporary economies, environmental adaptation, Indian-White relations, religious practices, and contemporary issues.

Learning Outcomes

1. Demonstrate familiarity with common elements pertaining to the languages and social organization of indigenous peoples in North America.
2. Recognize fundamental differences and similarities among traditional indigenous cultures.
3. Describe social relations of indigenous peoples in relationship to other ethnic groups.
4. Identify and analyze important ways that European societies and cultures and indigenous societies and cultures interacted from the time of Columbus to the present.
5. Evaluate the impacts of Euroamerican policies and programs on indigenous cultures.
6. Distinguish major social issues facing contemporary indigenous communities in North America.
7. Understand objectives and limitations of cross-cultural analysis in anthropology as they relate to the study of indigenous peoples in North America.
8. Demonstrate research and communication skills as they relate to the study of indigenous peoples in North America.

ANTH 2150. Indigenous Peoples of the American Southwest**3 Credits (3)**

This course is a study of indigenous cultural groups of the American Southwest. Students will explore historical and contemporary cultural and social patterns of American Indian, Hispanic and Anglo-American groups.

Learning Outcomes

1. Describe socio-cultural developments, geographic environments, and characteristics of major cultural groups that currently inhabit the American Southwest.
2. Recognize underlying similarities as well as the wide range of variability of the cultural groups in the American Southwest.
3. Recognize the impacts and effects of Euroamerican colonization on indigenous cultural groups in the American Southwest.
4. Describe the historical interactions and accommodations among indigenous cultural groups in the American Southwest.
5. Examine the processes of cultural change within major cultural groups in the American Southwest.
6. Identify and analyze some of the contemporary issues faced by major cultural groups in the American Southwest.

ANTH 2996. Special Topics**1-4 Credits**

Specific subjects to be announced in the Schedule of Classes. May be repeated for a maximum of 12 credits.

Learning Outcomes

1. Varies

ANTH 301. Cultural Anthropology**3 Credits (3)**

Human concepts of culture and life processes.

ANTH 305V. Contemporary Native Americans**3 Credits (3)**

Introduction to contemporary native peoples and cultures of North America. Emphasis on sociocultural and socioeconomic history, sociocultural change and persistence, present day reservation life, and current social and economic goals.

ANTH 306V. Peoples of Latin America**3 Credits (3)**

Introduction to cultural patterns and diversity of Latin America with emphasis on indigenous groups, peasants, plantation workers, and urban residents throughout South America, the Caribbean, Mexico, and Central America.

ANTH 307V. Japanese Culture and Society: Anthropological Perspectives
3 Credits (3)

This course introduces students to Japanese culture from anthropological and philosophical perspective. Learning about Japanese culture (non-Western) enhances students' awareness of the diversity of human values, beliefs, and morals and provides an understanding of cultural differences outside of mainstream American culture.

Learning Outcomes

1. Take a position on an anthropological theory that accounts for how and why Japanese culture has changed through time.
2. Select and integrate relevant anthropological perspectives to argue for or against ethical and moral differences between American and Japanese cultures.
3. Analyze social, political, and religious aspects in Japanese society and compare them with those in America.
4. Investigate sociopolitical and economic status of minority groups in Japan using anthropological approaches and compare them with those of America.
5. Engage in face-to-face interactions with Japanese people in southern New Mexico and discuss similarities and differences between cultures, values, and worldview.

ANTH 312. The Ancient Maya**3 Credits (3)**

Archaeological evidence of culture change in the Maya civilizations of Mexico and Central America from 2000 BC to the Spanish Conquest.

ANTH 313V. Ancient Mexico**3 Credits (3)**

Archaeological exploration of the development and culture change of the Aztec, Zapotec, and Maya civilizations of Mexico and Central America from 12,000 years ago to the Spanish invasion of 1521.

Learning Outcomes

1. Take a position on theories that explain how, when, and why human lifeways changed in ancient Mesoamerica. Select and integrate relevant archaeological evidence to argue for and against a theoretical position. Analyze the significance of sites, structures, artifacts, and ecofacts within their archaeological contexts and explain their relevance for people today. Evaluate how practices in research, conservation, and tourism to archaeological sites promote stewardship of non-renewable archaeological resources and intangible heritage. Design and present a public tour of an archaeological site in Mexico or Central America to promote and integrate best practices for the preservation of archaeological resources.

ANTH 315. Introduction to Archaeology**3 Credits (3)**

Concepts and methods for study of prehistoric cultures; history of archaeological research.

ANTH 318. Historical Archaeology**3 Credits (3)**

This survey course explores the development of historical archaeology, its methods and theory, and popular research themes within the discipline. Students will be introduced to the ways that archaeologists identify and analyze historical-period documents, oral histories, features, and artifacts, and how they use these data to deepen our understanding of the recent past. Crosslisted with: ANTH 518.

Learning Outcomes

1. Critically evaluate historical sources.
2. Identify and analyze common historical-period artifacts and features.
3. Utilize historical and archaeological evidence in research.
4. Demonstrate how historical archaeology can be used to draw attention to and highlight the contributions of diverse populations in history.
5. Demonstrate improved oral and written communication skills.

ANTH 320. Anthropological Linguistics**3 Credits (3)**

The study of language and culture with particular emphasis on the cultural factors in the communication process.

ANTH 330V. Magic, Witchcraft and Religion**3 Credits (3)**

Provides an overview of old and new methods and theories for the study of religion. Exposure to the ways groups of people in diverse cultural systems construct and change their religious traditions to serve practical and meaningful ends. Crosslisted with: HIST 330V and SOCI 330V.

ANTH 345. Introduction to Museology**3 Credits (3)**

This course provides a broad introduction to the museum world. Through discussion of readings, examination of case-studies, and practical assignments, students will gain an understanding of the museum as an institution, as well as learn the challenges and responsibilities that museums and their staff encounter. Topics include the history of museums, contemporary debates surrounding the definition of museums, ethical and legal issues, and community connections. The course will cover various types of museums—including art, history, ethnographic, indigenous, and scientific—and discuss how these thematic orientations impact museum practice. Students will also explore common museum processes such as collecting, cataloguing, conservation, exhibition, research, and education through practical exercises using the collections of the University Museum in Kent Hall, as well as through case studies of museums around the world.

Learning Outcomes

1. Describe the major conceptual and practical influences on museums today—including issues of historical development, ethics, missions, and thematic orientations. Critically engage with diverse types of museums as cultural institutions, their practices, and the communities with whom they engage. Implement skills relevant to the museum profession, such as collections management, condition reporting, exhibition and programming planning, and research.

ANTH 347. Museum Confidential**3 Credits (3)**

This course will introduce students to many of the fundamental concepts behind the creation of a museum exhibition. Drawing from the extensive permanent collection of the University Museum, housed in the basement of Kent Hall, students will gain hands-on experience with exhibition development, resulting in the creation of a temporary public exhibition in the west gallery of the Museum. By turning the museum inside-out, this course will be a unique behind-the-scenes experience. Through readings and discussion, we will also examine historic and contemporary interpretations of exhibitions and collections from the cabinet of curiosity and wunderkammer, to readymades and Mark Dion's re-imagined museums. Crosslisted with: ANTH 547.

Learning Outcomes

1. Explain the basic concepts and terminology of the museum
2. Differentiate the functions, roles, duties and responsibilities of museums
3. Describe the types of museums and their historical development
4. Discuss the challenges and responsibilities that museums and their staff members encounter, most especially in collections
5. Employ the fundamental principles and practices of museum documentation (knowledge of deaccessioning and the challenges faced by museum and inherited collections)
6. Apply the fundamental principles and practices of collection management
7. Synthesize the fundamental principles and practices of museum exhibition planning and design including the role of the curator

ANTH 349. Museum Anthropology**3 Credits (3)**

This course provides an introduction to the methodological and theoretical approaches of museum anthropology. Students will gain experience with all these aspects of museum anthropology in the course by engaging with critical scholarship, analyzing case studies, and practicing collections-based research methods utilizing the collections of the University Museum. Through assignments students will analyze objects in the museum's collections using techniques of close looking, drawing, photography, sequences of making, and external research using scholarly sources. Students will gain skills in primary and secondary research, the analysis of material culture, and the practicalities of navigating research in museums.

Learning Outcomes

1. Describe major theoretical approaches to museum anthropology, and how these have
2. changed over time. Critically engage with the intersections between museums as institutions and the practice of anthropology, including the politics of representation. Implement methodological research skills as a student-scholar by conducting independent research based on museum collections. Convert collections-based research into written and media works characteristic of
3. scholar-facing and public-facing practice in museum anthropology, curatorship, and
4. museum studies.

ANTH 350. Anthropological Theory**3 Credits (3)**

This course introduces students to historical and contemporary theory in anthropology with a focus on understanding why theory matters in our discipline. Key questions the course explores include: How have anthropologists thought about the concept of culture in different ways throughout the history of anthropology? What is the relevance of anthropological theory, both inside and outside the discipline? What new and promising trajectories do we see in anthropological theory today?

ANTH 355. Biological Anthropology**3 Credits (3)**

An introduction to the fundamentals of the scientific method and organic evolution specific to the study of human origins and contemporary biological variation. Non-human primate diversity and behavior are also considered.

Learning Outcomes

1. Increase scientific literacy.
2. Improve specific skill areas including: Critical thinking; Expository writing; Analytical reading; Oral presentation skills.
3. Establish foundational knowledge as a basis for further study in: Evolutionary theory; Human variation and adaptation; Primatology; Human origins and evolution.

ANTH 356. Forensic Anthropology**3 Credits (3)**

Overview of the field of forensic anthropology. Topics covered include basic human osteology; skeletal examination and documentation; skeletal trauma; personal identification; forensic taphonomy and the process of decomposition; archaeology and scene processing; sex, age, stature, and ancestry estimation; and contemporary issues and limitations in the field of forensic anthropology.

Learning Outcomes

1. Learn about the scientific method and how to apply scientific findings to field work.
2. Learn about the history and applications of forensic anthropology.
3. Gain a practical understanding of the methods, applications, and limitations of forensic anthropology as relates to police and other investigations.
4. Learn to identify human bones and the process of building a biological profile of human remains.
5. Learn about decomposition and how forensic anthropologists process and interpret crime scenes.

ANTH 357V. Medical Anthropology**3 Credits (3)**

This course introduces students to evolutionary, ecological, interpretive, political-economic, and applied anthropological perspectives on health, illness, and healing to address some of the major questions in the field. How do humans adapt to changing environments that bring with them new illnesses and diseases? How do anthropologists understand the multiple meanings of health and illness cross-culturally? How can anthropologists effectively study health inequalities? What can medical anthropological perspectives contribute to addressing the health issues that we face in our current global context?

Learning Outcomes

1. Explain medical anthropology to someone unfamiliar with the field. Meeting this goal requires that you are able to: Define medical anthropology; Define health, illness, sickness, disease, and healing; Explain basic research methods in medical anthropology; Identify the different perspectives within medical anthropology.
2. Evaluate health problems from medical anthropological perspectives. Meeting this goal requires that you are able to: Accomplish goal Identify different medical anthropological perspectives in research and reporting on health problems; Identify what is missing (based on your knowledge of medical anthropological perspectives) in addition to what is present in research and reporting on health problems.
3. Apply medical anthropological perspectives to current health problems. Meeting this goal requires that you are able to: Accomplish goals 1 and 2; Develop deeper understanding of medical anthropological perspectives by formulating "in your own words" definitions of medical anthropological perspectives; Identify multiple facets of major health issues.

ANTH 360V. Food and Culture Around the World**3 Credits (3)**

Study of the interaction between food and human culture from an anthropological perspective. Examines the traditional role of food in local economies, social relations, and identity around the world. Also examines the impact of globalization on traditional food systems and cultures.

ANTH 362V. Environmental Anthropology**3 Credits (3)**

This course examines environmental studies from an anthropological perspective. The class focuses on how cultural values mediate environmental management. The class covers topics such as environmental anthropology, large scale development, biodiversity conservation, sustainable development, indigenous groups, consumption, and globalization.

Learning Outcomes

1. Students will understand the impact of cultural values on how humans interact with the environment. Students will understand how different cultural perspectives can be used to address environmental problems. Students will critically reflect on their own environmental values and recognize how these values are shaped by our own culture.

ANTH 375. Pottery Analysis in Archaeology**3 Credits (3)**

This course introduces the basic concepts, methods, and approaches used in the analysis of archaeological pottery. The purpose of the course is first to provide hands-on experience with the full range of analytical techniques routinely applied to ceramic materials recovered from archaeological sites, but to also provide a contextual framework for the interpretation and evaluation of these data. Classes consist of brief introductory lectures, and seminar presentation and discussion of course readings. Lab meetings consist of exercises designed to provide you with practical experience working with the materials and measures covered in lectures and readings. Crosslisted with: ANTH 575.

Learning Outcomes

1. Students will learn the theory underlying pottery analysis as well as some of the methods used to identify and interpret pottery;
2. Students will learn to think about the organization of pottery technology from a behavioral rather than a purely typological framework;
3. Students will have the opportunity to develop and then evaluate a research question or problem statement within a chosen theoretical framework, as well as have the opportunity to evaluate that question or questions using both qualitative and quantitative analyses;
4. Students will gain the skills needed to assess pottery analysis reports and undertake pottery analyses for senior thesis, M.A. theses, and CRM contexts.

ANTH 376. Lithic Technology Organization**3 Credits (3)**

Advanced seminars and laboratory exercises to learn and develop techniques and methods that will help us determine how to interpret behavioral and cultural information from lithic (stone tool) data.

Prerequisite(s): ANTH 315.

ANTH 378. Introduction to Lab Methods in Archaeology**3 Credits (3)**

Laboratory techniques used in the analysis of archaeological materials.

ANTH 385. Internship in Anthropology**3-12 Credits (3-12)**

Applied or field experience to gain professional expertise. Placements with public agencies, NGOs, or research organizations. Topical focus tailored to student's individual needs through consultation with instructor.

Prerequisite(s): Junior status, consent of instructor and GPA 2.8 or better.

ANTH 388. Intermediate Archaeological Field School**2-6 Credits (2-6)**

Training in archaeological field methods, including excavations of prehistoric sites, record keeping, mapping and analysis of data. Consent of Instructor required.

ANTH 389. Archaeological Mapping**3-6 Credits (3-6)**

Techniques for mapping archaeological sites and recording spatial distributions of archaeological data using a variety of surveying equipment and computer mapping software.

ANTH 399. Professionalism & Practice in Anthropology**3 Credits (3)**

Capstone course for seniors designed to allow students to synthesize the anthropological knowledge they have acquired and connect theory to application in preparation for entry into a career. Restricted to: ANTH majors.

ANTH 402. Contemporary Medical Anthropology**3 Credits (3)**

Contemporary Medical Anthropology This advanced seminar in medical anthropology addresses contemporary issues in the field of medical anthropology through theoretical and ethnographic texts. Topics span a wide range of studies in medical anthropology and may include such issues as the social production of health and illness, medical pluralism, discourses of mental health, the practice of complementary and alternative medicine, health disparities, the political economy of infectious disease, race and biological variation in biomedicine, and implementing biocultural perspectives. Crosslisted with: ANTH 546.

Prerequisite(s): ANTH 301 or ANTH 355 or ANTH 357V or consent of instructor.

Learning Outcomes

1. Discuss current issues relevant to the study of medical anthropology.
2. Apply medical anthropological concepts and ideas to theoretical and practical health issues.
3. Acquire skills in the critical appraisal of ethnographic literature.

ANTH 407. Native American Education**3 Credits (3)**

This is a survey course that explores the education of Natives from multiple perspectives; the perspectives of Native theories and practices, the colonizers'-imposed education theories and practices, U.S. federal educational policies and practices, tribal systems of education, and responses from those experiencing the education. Starting with traditional education, the course will examine colonial education, federal and tribal efforts, contemporary models of Indian education including issues and challenges, and the educational sovereignty of tribes.

Learning Outcomes

1. Describe (verbally and written) traditional methods of education used by Native Americans. Discuss and interpret (verbally and written) the theories and practices of educating Natives in different eras. Compare (verbally and written) the different systems of education for Native Americans. Articulate (verbally and written) contemporary Native American educational issues and challenges. Be able to articulate (verbally and written) support for educational sovereignty of tribes. Research, analyze and orally present a written paper about an American Indian boarding school and its legacy.

ANTH 414. The Archaeology of Religion**3 Credits (3)**

The class offers an in-depth introduction to the Archaeology of Religion focusing on the theoretical framework of artifact agency. The course begins with a discussion of the role of material culture in society and religion (artifact agency theory) and then moves through a series of case studies that highlight important themes in the archaeology of religion. These themes include the Religion among the Earliest Paleolithic Cultures, Relationships between Houses and Temples, Sacrifice (Artifact, Animal and Human), New Religious Movements, and Witchcraft Persecution.

Learning Outcomes

1. Students will develop a stronger understanding of the role of religious material culture in anthropology and archaeology. Students will develop strong research skills by applying that knowledge of material culture theory in a term paper that explores artifact agency in an ancient religion. Students will develop strong communication skills through the preparation of a written term paper and class power point presentation of that research.

ANTH 415. Applied Anthropology**3 Credits (3)**

Examines the intellectual roots of applied anthropology and early case studies of anthropologists working as administrators. Examines the ethical and methodological approaches that applied anthropologists employ. Examination of case studies that show role of applied anthropologists in improving human service delivery, cultural preservation, planning and implementing programs of participatory change, advocacy, and economic development. Taught with ANTH 515.

ANTH 419. Topics in Prehistoric Archaeology**3 Credits (3)**

Specific subjects in prehistoric archaeology as announced in the Schedule of Classes. May be repeated up to 6 credits.

ANTH 431V. Nutritional Anthropology**3 Credits (3)**

This course provides biological, ecological, and cross-cultural perspectives on human nutrition. Topics covered include human nutritional evolution, dietary adaptation, variation in human foodways and habits, relationships between diet and health, nutrition transitions, and methods for studying human diet and nutrition in field settings.

Learning Outcomes

1. Understand the ways in which biology, culture, and ecology shape human nutritional outcomes and dietary patterns. Be able to identify methods best suited to answering questions about human diet and nutrition in field settings. Be able to develop a research question and basic research strategy.

ANTH 434. Human Evolution**3 Credits (3)**

Overview of human biological evolution from the emergence of Miocene apes to modern human diaspora. May be repeated up to 3 credits.

Crosslisted with: BIOL 434.

Prerequisite(s): ANTH 355 or consent of instructor.

ANTH 435. Human Health and Biological Variation**3 Credits (3)**

Overview of contemporary human biological variation and adaptability within a scientific evolutionary and biocultural framework. Special emphasis is placed on human adaptation to the environment and the sociocultural, epidemiological, and evolutionary factors that underlay contemporary issues in human health and disease. Crosslisted with: ANTH 535.

Learning Outcomes

1. Develop critical thinking skills and scientific literacy through discussion, reading, and writing exercises and evaluating scientific theories, data, and research methods.
2. Develop an understanding of evolutionary theory, and how human organic evolution shapes variation, adaptation, and health in contemporary human populations.
3. Learn how human evolutionary history has shaped the global distribution of contemporary human biological diversity.
4. Understand the scientific critique of the biological race concept, and how social inequality, particularly racism, can become embodied.
5. Understand the various ways that humans adapt to the environment on different timescales.
6. Study life course theory and how experiences during development impact health across the life course.
7. Develop specific transferable skills, including written communication, public speaking, and information gathering (research), and for graduate students, research questions development, hypothesis testing, basic data analysis/visualization in Excel.

ANTH 436. Evolutionary Medicine**3 Credits (3)**

This course provides an overview of evolutionary medicine, a field that applies evolutionary theory to understanding variation in human biology and health and treating and preventing disease. Topics covered in the course include evolutionary perspectives on diet and nutrition, chronic disease, infectious disease, cancer, stress, mental health, reproductive health, women's health, and child growth and development.

Learning Outcomes

1. Understand the basic principles of evolutionary theory. Understand how anthropologists and medical and public health professionals can apply evolutionary theory to understand human health and disease. Understand both the promise and limits of evolution as an explanatory paradigm for variation in human health and disease. Be able to apply principles of evolutionary medicine to development of a research proposal. Develop collaborative and oral presentation skills through a group presentation.

ANTH 441. Indigenizing Methodologies in Native American Studies**3 Credits (3)**

This course utilizes decolonizing (indigenizing) methodologies and praxis to gain insight into the complex effects of oppression and colonization. The course uses critical and indigenous concepts to identify and analyze hegemonic, ethnocentric, historic and contemporary human rights and social justice issues of indigenous people. Emphasis includes research theory and methodology, such as community participatory action research, that is collaborative, inclusive, and pragmatic to ethics, intellectual property, and cultural boundaries of indigenous people. Crosslisted with: ANTH 541.

Learning Outcomes

1. The student is able to describe and explain some of the complex effects of oppression and colonization on indigenous peoples.
2. The student is able to identify historic and contemporary issues that have influenced and affected the study and research of indigenous peoples.
3. The student is able to convey particular research theory and methodology that is collaborative, inclusive, and pragmatic to ethics and cultural boundaries of indigenous people.

ANTH 444. Native American Visual Culture**3 Credits (3)**

This course examines the various theoretical and methodological challenges inherent to the study of indigenous art, including the issues of identity, sovereignty, gender, cultural critique, and the role of the artist. In addressing the interdisciplinary nature of the field, students will seek to find strategies in approaching their own research. Crosslisted with: ANTH 544.

Learning Outcomes

1. Identify NA / Indigenous, film/video writers and directors.
2. Locate NA / Indigenous nations with their geo-physical location.
3. Consider issues of identity concerning Indigenous population.
4. Apply "colonizing" / "decolonizing" methodologies.
5. To practice writing short analytical journal entries.
6. To learn effective group discussion techniques

ANTH 449. Directed Reading**1-6 Credits**

Comprehensive reading on selected topics. May be repeated for a maximum of 6 credits.

Prerequisite(s): Upper division anthropology majors with consent of instructor.

ANTH 449 H. Directed Reading Honors**1-3 Credits**

Same as ANTH 449. Additional work to be arranged. May be repeated for a maximum of 6 credits.

ANTH 453. Native American Women**3 Credits (3)**

Students investigate the status, experience, and contributions of Native American women from pre-contact to contemporary times. Identifying the contribution of Native American women to societies, communities, and Nations as keepers of knowledge, teachings, and traditions. Crosslisted with: ANTH 553.

Learning Outcomes

1. Explore and examine the roles of American Indian women within a tribal society and analyze the impact of colonization and decolonization upon their place / roles over time.
2. Evaluate historical and contemporary issues of importance to American Indian women and their communities.
3. Assess a topic, book or issue of importance to Native women through a research paper, case study, or exam demonstrating in-depth knowledge and understanding.
4. Demonstrate in-depth knowledge and understanding of Native American women histories and contemporary issues.
5. Formulate a paper on Native woman/tribal women from historical or contemporary sources and share with class (undergraduates).
6. Demonstrate in-depth knowledge and understanding of Native American women through an exam/final (undergraduates).

ANTH 454. An Indigenous Peoples History of the United States**3 Credits (3)**

This course is a history of United States as experienced by the Indigenous people. It delineates the Indigenous experience as reflected in Native American scholarship and research. The Indigenized and decolonized Native perspective provides an educative authenticity of Indigenous knowledge comprehensible to all, particularly the non-Indian.

Learning Outcomes

1. The student can identify and describe significant historic periods as experienced by the Indigenous inhabitants in United States The student is able to identify and differentiate aspects of the Native American historic experience in relationship to the standard linear chronicle timeline as reflected in U.S. history. The student is able to compose a brief summary review of the Native American historic periods as evidenced in scholarship and research.

ANTH 455. Federal Indian Policy**3 Credits (3)**

Federal Indian policy and its impact on Native Americans. This course will provide basic understanding of how federal Indian policy impacts almost all activities and situations with Native Americans. Course will also look at issues such as sovereignty and how it impacts most interactions with tribal groups.

ANTH 456. Native American Intersections in Museums**3 Credits (3)**

This course explores the changing relationships and complex intersections between Native people and museums. We will examine how museum practices of collection and exhibition influence ways in which knowledge is formed and presented, and interrogate the role of museums as crucial sites for discourse around issues of ownership, indigenous knowledge and representation. Case studies revealing shifting meanings of objects, curatorial challenges, the development of tribal museums and repatriation complexities will be used to critically engage with Native responses via art, criticism and legal action. Crosslisted with: ANTH 556.

ANTH 458. Fertility, Reproduction and Birth**3 Credits (3)**

This course examines biocultural variation in reproductive health and birth practices, with topics such as gendered roles and responsibilities, pregnancy and birth as rites of passage, cultural concepts of personhood, global family planning initiatives, the medicalization of pregnancy and birth, developing reproductive technologies, and reproductive health disparities.

Prerequisite(s): ANTH 301 or ANTH 355 or ANTH 357V or consent of instructor.

Learning Outcomes

1. Identify multiple anthropological perspectives on sex, reproduction, and birth. Anthropologists approach questions about human sex, reproduction, and birth in a variety of ways. You will be able to identify and discuss some major perspectives in this area.
2. Critically analyze anthropological concepts of sex, reproduction, and birth. This course focuses on discussion of anthropological ideas about sex, reproduction, and birth. Not all fully agree with one another nor do they all fully answer the questions you may have. You should approach the materials we read and discuss from a critical angle.
3. Apply anthropological concepts about sex, reproduction, and birth to contemporary anthropological "problems" Throughout the course, you will reflect on the usefulness of different perspectives on sex, reproduction and birth to address current issues that we face in our globalized world.

ANTH 459. Peru: From Incas to Inca Kola**3 Credits (3)**

Explores issues of cultural and national identity in Peru from the Incas to the present, focusing on the modern period. Themes include indigenous resistance and adaptation to colonial rule, nationalism, militarism, terrorism, globalization, and the drug trade. Crosslisted with: HIST 459

ANTH 463. Cultural Resource Management I**3 Credits (3)**

This course introduces you to the field of cultural resource management (CRM) and to the federal and state laws and regulations that govern most archaeology and historic preservation projects conducted today. Class lectures, readings, and written assignments will cover the major relevant US federal laws (NHPA, NEPA, ARPA, NAGPRA); New Mexico state cultural resource laws, regulations, and permitting practices; and major international heritage laws. Particular emphasis will be placed on understanding how to evaluate and nominate cultural resources for listing on the National Register of Historic Places (NRHP). Good oral and written communication skills are essential for success in CRM, so students will be provided with numerous opportunities to develop these skills in class.

Learning Outcomes

1. Explain the goals of cultural resource management (CRM) Describe the major laws and regulations that govern CRM in the United States, in the state of New Mexico, and abroad
2. Mexico, and abroad
3. Identify some common challenges with implementing these laws and regulations Determine the eligibility of cultural resources for listing on the NRHP, and justify this determination

ANTH 464. Curation Crisis in Archaeology**3 Credits (3)**

This collection management course will introduce students to collections curation, collections care, and collections-based research. Archaeological collections stewardship begins before an archaeologist steps foot into the field and continues well after the recovered collections reach the repository. This course provides students with an understanding of the curation crisis using archaeological collections curated at the University Museum as a case study and the responsibilities that archaeologists have to the collections they generate.

Learning Outcomes

1. Learn about the maintenance of archaeological collections Learn about the management of, access to, and use of archaeological collections Learn about the curation crisis at a small museum (e.g., Kent Hall University Museum) Learn about collections-based research Learn about various ways of disseminating archaeological collections to the public Change the perception of the "just digging and we will deal with the collections later" approach.

ANTH 467. Archaeology of the American Southwest**3 Credits (3)**

Description and analysis of prehistoric archaeology of the American Southwest including paleo-environmental reconstruction, culture change, and relations with contemporary cultures.

Prerequisite: ANTH 315.

ANTH 472. Primate Behavior and Ecology**3 Credits (3)**

Survey of the social behavior and ecology of nonhuman primates. Crosslisted with: BIOL 472.

ANTH 474. Human Osteology**3 Credits (3)**

A survey of the functional, developmental, and evolutionary biology of the human skeleton. Identifying bones and teeth from hands-on experience with skeletal and dental material. Provides a foundation for human evolutionary studies, bioarchaeology and forensic anthropology. May be repeated up to 3 credits. Crosslisted with: BIOL 424.

ANTH 474 L. Human Osteology Lab**1 Credit (1P)**

Laboratory for ANTH 474. Experiences and activities related to identifying teeth and bones of the human skeleton. Students are recommend to take ANTH 355 or an equivalent before enrolling in this course. Crosslisted with: BIOL 424 L.

Corequisite(s): ANTH 474.

ANTH 477. Zooarchaeology**3 Credits (3)**

Detailed study and analysis of taphonomic processes affecting animal bone recovered from archaeological and paleontological contexts. May be repeated up to 3 credits.

ANTH 485. Special Research Project**1-3 Credits**

Anthropological, archaeological, or museum field work or laboratory experience in academic, private, state, or federal agencies. Must spend 30 hours in a field, museum, or laboratory setting per credit hour earned. May be repeated up to 6 credits.

Prerequisite(s): Complete 12 ANTH credits and consent of instructor.

ANTH 486. Community Engagement and Service Learning**3 Credits (3)**

Course combines classroom instruction with a local community service project. Formal instruction component will examine social science research findings and perspectives on a locally relevant social issue or problem. In the service learning component, students will be trained and work on a local community service project. Students will develop field experience and methodological skills in community engagement. Projects and social issues may vary for different semesters.

ANTH 488. Archaeological Field School Advanced**1-6 Credits**

Archaeological field methods, including excavations of prehistoric sites, record keeping, mapping and analysis of data. Consent of Instructor required.

ANTH 497. Special Topics**1-6 Credits (1-6)**

Specific subjects to be announced in the Schedule of Classes. May be repeated for a maximum of 12 credits.

Prerequisite(s): Junior or above standing.

ANTH 500. Seminar in Anthropological Theory**3 Credits (3)**

Detailed focus on specific areas of anthropological theory. Course subtitled in the Schedule of Classes. Course may be repeated.

Prerequisite(s): graduate standing in Anthropology or consent of instructor.

ANTH 502. Fundamentals of Anthropology**1-4 Credits (1-4)**

Review of fundamental knowledge and theories in biological, cultural, or linguistic anthropology or archaeology. Graded S/U.

ANTH 503. Anthropological Theory**3 Credits (3)**

This seminar is designed to introduce graduate students to the major concepts and developments in anthropological theory. Students will develop an understanding of the major principles, contributions, and limitations of anthropological theory from the 1890s to the present. The course will address theoretical developments in biological anthropology, sociocultural anthropology, archaeology, and public and applied anthropology.

Learning Outcomes

1. Articulate the history of theoretical developments in multiple anthropological subfields and explain the holistic connections among them.
2. Explain and critique the major theoretical formulations of the field, including: human biological evolution and variation; cultural relativism; practice theory; life history and formation processes of archaeological, paleontological, and contemporary sites and specimens; historical contingency in culture change and globalization; human ecology and environmental anthropology, past and present; indigenous perspectives, participatory action research, and collaborative research designs; identity and the intersections of gender, sex, race, class, and other categories, past and present; origins and contemporary variation of inequality and socioeconomic disparities; political economy, domination and resistance, past and present; the development and critique of diverse narratives of the past drawn from archaeological/material, visual and performative, documentary, and oral historical media; stewardship of tangible and intangible cultural heritage,
3. Read and practice in the norms of written and verbal expression across multiple theoretical domains in anthropology.

ANTH 505. Issues in Anthropological Practice**3 Credits (3)**

Anthropological approaches to research design, implementation, and dissemination. Restricted to: Main campus only.

ANTH 506. Advanced Studies in Physical Anthropology**1-3 Credits**

Lectures, seminars, or laboratory research in selected topics. May be repeated for a maximum of 12 credits.

Prerequisite(s): graduate standing in Anthropology or consent of instructor.

ANTH 507. Advanced Studies in Archaeology**1-3 Credits**

Lectures, seminars, field or laboratory research in selected topics. May be repeated for a maximum of 12 credits.

Prerequisite(s): graduate standing in Anthropology or consent of instructor.

ANTH 508. Advanced Studies in Cultural Anthropology**1-3 Credits**

Lectures, seminars, or field research in selected topics. May be repeated for a maximum of 12 credits.

Prerequisite(s): graduate standing in Anthropology or consent of instructor.

ANTH 509. Advanced Studies in Anthropological Linguistics**1-3 Credits**

Lectures, seminars, or field research in selected topics. May be repeated for a maximum of 12 credits.

ANTH 512. Quantitative Analytical Methods in Anthropology**3 Credits (3)**

This class is an introduction to statistical analysis of anthropological and social science data. Students will learn how quantitative and statistical techniques are used in the analysis of anthropological problems and how to evaluate statistical arguments in the literature. No previous background in statistics is required. We will consider data collection, sampling and statistical populations, exploratory summaries of data, and the importance of choosing appropriate statistical techniques. All course work will emphasize anthropological interpretation through applied statistical methods. The course has a four-field focus (archaeology, biological anthropology, cultural anthropology, and linguistics), and students will work with readings, examples, and problem assignments from each subfield.

Learning Outcomes

1. Articulate the difference between descriptive and inferential statistics.
2. Explain the difference between a population and a sample and learn how to draw random samples (various methods – simple random, stratified, systematic, etc.) in the field and using numerical data and statistical procedures within SAS or other STATPACKS (SPSS, R).
3. Use appropriate graphs, tables, and measures of central tendency and dispersion to display and summarize distributions of nominal, ordinal, interval and ratio level data.
4. Understand the Normal Distribution and the assumptions required for hypothesis testing.
5. Perform hypothesis testing and interpret the results for univariate, bivariate, and multivariate statistical procedures, including Chi Square, T-tests, Non-parametric Comparison tests, ANOVA, Correlation, Simple Linear Regression, Multiple Regression, Cluster and Discriminant Analysis (as time permits).
6. Develop an exploratory statistical analysis for original anthropological data and write a final paper interpreting the results.

ANTH 514. Advanced Issues in the Archaeology of Religion**3 Credits (3)**

The class offers an in-depth introduction to the Archaeology of Religion focusing on the theoretical framework of artifact agency. The course begins with a discussion of the role of material culture in society and religion (artifact agency theory) and then moves through a series of case studies that highlight important themes in the archaeology of religion. These themes include the Religion among the Earliest Paleolithic Cultures, Relationships between Houses and Temples, Sacrifice (Artifact, Animal and Human), New Religious Movements, and Witchcraft Persecution.

Learning Outcomes

1. Students will develop a stronger understanding of the role of religious material culture in anthropology and archaeology and be required to lead class discussions. Students will develop strong research skills by applying that knowledge of material culture theory in a term paper that explores artifact agency in an ancient religion. Students will develop strong communication skills through the preparation of a written term paper and class power point presentation of that research.

ANTH 515. Applied Anthropology**3 Credits (3)**

Examines the intellectual roots of applied anthropology and early case studies of anthropologists working as administrators. Examines the ethical and methodological approaches that applied anthropologists employ. Examination of case studies that show the role of applied anthropologists in improving human service delivery, cultural preservation, planning and implementing programs of participatory change, advocacy, and economic development. Taught with ANTH 415.

ANTH 516. Advanced Archaeology of the American Southwest**3 Credits (3)**

Advanced topics in Southwestern archaeology including ritual architecture, environmental reconstruction, violence, site formation processes, and experiment and research.

ANTH 517. Advanced Topics in Mesoamerican Archaeology**3 Credits (3)**

Specific subjects in Mesoamerican archaeology to be announced in the Schedule of Classes. May be repeated for a maximum of 6 credits.

Prerequisite: graduate standing.

ANTH 518. Advanced Historical Archaeology**3 Credits (3)**

This survey course explores the development of historical archaeology, its methods and theory, and popular research themes within the discipline. Students will be introduced to the ways that archaeologists identify and analyze historical-period documents, oral histories, features, and artifacts, and how they use these data to deepen our understanding of the recent past. Crosslisted with: ANTH 318.

Learning Outcomes

1. Critically evaluate historical sources.
2. Identify and analyze common historical-period artifacts and features.
3. Utilize historical and archaeological evidence in research.
4. Demonstrate how historical archaeology can be used to draw attention to and highlight the contributions of diverse populations in history.
5. Demonstrate improved oral and written communication skills.

ANTH 519. Advanced Topics in Prehistoric Archaeology**3 Credits (3)**

Seminar on specialized research archaeology.

Prerequisite: graduate standing.

ANTH 520. Ethnographic Field Methods**3 Credits (3)**

Basic methodologies used in conducting qualitative ethnographic research. Projects in participant observation, ethnographic interviews, life history interviews, folk taxonomy construction, and coding of field notes.

ANTH 522. Archaeological Field School-Graduates**2-6 Credits**

Techniques of archaeological data collection, analysis, and interpretation. Emphasis on archaeological field work in the Southwest.

ANTH 523. Archaeological Mapping**3-6 Credits (3-6)**

Techniques for mapping archaeological sites and recording spatial distributions of archaeological data using a variety of surveying equipment and computer mapping software.

ANTH 528. Advanced Native American Education**3 Credits (3)**

This is a survey course that explores the education of Natives from multiple perspectives; the perspectives of Native theories and practices, the colonizers'-imposed education theories and practices, U.S. federal educational policies and practices, tribal systems of education, and responses from those experiencing the education. Starting with traditional education, the course will examine colonial education, federal and tribal efforts, contemporary models of Indian education including issues and challenges, and the educational sovereignty of tribes.

Learning Outcomes

1. Describe (verbally and written) traditional methods of education used by Native Americans. Discuss and interpret (verbally and written) the theories and practices of educating Natives in different eras. Compare (verbally and written) the different systems of education for Native Americans. Articulate (verbally and written) contemporary Native American educational issues and challenges. Be able to articulate (verbally and written) support for educational sovereignty of tribes. Research, analyze and orally present a written paper about an American Indian boarding school and its legacy.

ANTH 529. Advanced Evolutionary Medicine**3 Credits (3)**

This course provides an overview of evolutionary medicine, a field that applies evolutionary theory to understanding variation in human biology and health and treating and preventing disease. Topics covered in the course include evolutionary perspectives on diet and nutrition, chronic disease, infectious disease, cancer, stress, mental health, reproductive health, women's health, and child growth and development.

Learning Outcomes

1. Understand the basic principles of evolutionary theory. Understand how anthropologists and medical and public health professionals can apply evolutionary theory to understand human health and disease. Understand both the promise and limits of evolution as an explanatory paradigm for variation in human health and disease. Be able to apply principles of evolutionary medicine to development of a research proposal. Develop collaborative and oral presentation skills through a group presentation.

ANTH 531. Issues in Nutritional Anthropology**3 Credits (3)**

This course provides biological, ecological, and cross-cultural perspectives on human nutrition. Topics covered include human nutritional evolution, dietary adaptation, variation in human foodways and habits, relationships between diet and health, nutrition transitions, and methods for studying human diet and nutrition in field settings.

Learning Outcomes

1. Understand the ways in which biology, culture, and ecology shape human nutritional outcomes and dietary patterns. Be able to identify methods best suited to answering questions about human diet and nutrition in field settings. Be able to develop a research question and basic research strategy.

ANTH 533. Advanced Issues in Women, Gender, and Culture**3 Credits (3)**

Survey of the history of anthropological ideas about gender and women, and a comparison of gender roles, relations, and ideologies across a range of cultures. Same as W S 533.

ANTH 534. Advanced Human Evolution**3 Credits (3)**

Advanced overview of human biological evolution from the emergence of Miocene apes to the modern human diaspora. May be repeated up to 3 credits. Crosslisted with: BIOL 534.

ANTH 535. Adv. Human Health and Biological Variation**3 Credits (3)**

Overview of contemporary human biological variation and adaptability within a scientific evolutionary and biocultural framework. Special emphasis is placed on human adaptation to the environment and the sociocultural, epidemiological, and evolutionary factors that underlay contemporary issues in human health and disease. Crosslisted with: ANTH 435.

Learning Outcomes

1. Develop critical thinking skills and scientific literacy through discussion, reading, and writing exercises and evaluating scientific theories, data, and research methods.
2. Develop an understanding of evolutionary theory, and how human organic evolution shapes variation, adaptation, and health in contemporary human populations.
3. Learn how human evolutionary history has shaped the global distribution of contemporary human biological diversity.
4. Understand the scientific critique of the biological race concept, and how social inequality, particularly racism, can become embodied.
5. Understand the various ways that humans adapt to the environment on different timescales.
6. Study life course theory and how experiences during development impact health across the life course.
7. Develop specific transferable skills, including written communication, public speaking, and information gathering (research), and for graduate students, research questions development, hypothesis testing, basic data analysis/visualization in Excel.

ANTH 538. Plants, Culture, and Sustainable Development**3 Credits (3)**

Study of role of indigenous cultures and indigenous knowledge systems in plant domestication, ethnoecology, and preservation of traditional crop diversity. Examination of issues related to conserving cultural diversity, food systems, food security and biodiversity.

ANTH 539. Culture and Foodways**3 Credits (3)**

Study of interaction between food and culture from anthropological perspective. Study of role of food in cultural history, social relations, ritual, and identity. Examination of impact of globalization of food systems on traditional cultures, local food systems, and food security.

ANTH 540. Cultural Resource Management**3 Credits (3)**

Study of federal and state of New Mexico historic preservation laws and regulations and their application in current Cultural Resource Management and a review of relevant case studies.

ANTH 541. Advanced Indigenizing Methodologies in Native American Studies**3 Credits (3)**

This course utilizes indigenizing methodologies and praxis to gain insight into the complex effects of oppression and colonization. Critical and indigenous concepts are used to identify and analyze hegemonic, ethnocentric, historic and contemporary human rights and social justice issues of indigenous people. Research theory and methodology such as community participatory action research that is collaborative, inclusive, and pragmatic to ethics, intellectual property, and cultural boundaries of indigenous people is emphasized. Crosslisted with: ANTH 441.

Learning Outcomes

1. The student is able to describe and explain some of the complex effects of oppression and colonization on indigenous peoples.
2. The student is able to identify historic and contemporary issues that have influenced and affected the study and research of indigenous peoples.
3. The student is able to convey particular research theory and methodology that is collaborative, inclusive, and pragmatic to ethics and cultural boundaries of indigenous people.

ANTH 542. Cultural Resource Management II**3 Credits (3)**

Continuation of ANTH 540. This course introduces students to the business and practice of doing contractual cultural resource management in the United States.

Learning Outcomes

1. Map an archaeological site (meeting New Mexico state standards for archaeological survey)
2. Document an archaeological site (using a Laboratory of Anthropology site form)
3. Prepare a written site description suitable for inclusion in a survey report
4. Analyze and present data using relevant software (e.g., Excel, Access)
5. Prepare a research proposal or report (meeting New Mexico state standards)

ANTH 543. Indigenous Ways of Knowing**3 Credits (3)**

This course examines Indigenous knowledge and ways of knowing as a means to gain an appreciation of an epistemology and ontology that may be outside the boundaries of Eurocentric theory, concepts, and principles. Knowledge development through mythology and story telling is viewed from the nature of difference rather than comparative analysis.

ANTH 544. Advanced Native American Visual Culture**3 Credits (3)**

This course examines the various theoretical and methodological challenges inherent to the study of indigenous art, including the issues of identity, sovereignty, gender, cultural critique, and the role of the artist. In addressing the interdisciplinary nature of the field, students will seek to find strategies in approaching their own research. Crosslisted with: ANTH 444.

Learning Outcomes

1. Identify NA / Indigenous, film/video writers and directors.
2. Locate NA / Indigenous nations with their geo-physical location.
3. Consider issues of identity concerning Indigenous population.
4. Apply "colonizing" / "decolonizing" methodologies.
5. To practice writing short analytical journal entries.
6. To learn effective group discussion techniques

ANTH 545. Advanced Museology**3 Credits (3)**

This course provides a broad introduction to the museum world. Through discussion of readings, examination of case-studies, and practical assignments, students will gain an understanding of the museum as an institution, as well as learn the challenges and responsibilities that museums and their staff encounter. Topics include the history of museums, contemporary debates surrounding the definition of museums, ethical and legal issues, and community connections. The course will cover various types of museums—including art, history, ethnographic, indigenous, and scientific—and discuss how these thematic orientations impact museum practice. Students will also explore common museum processes such as collecting, cataloguing, conservation, exhibition, research, and education through practical exercises using the collections of the University Museum in Kent Hall, as well as through case studies of museums around the world.

Learning Outcomes

1. Describe the major conceptual and practical influences on museums today—including issues of historical development, ethics, missions, and thematic orientations. Critically engage with diverse types of museums as cultural institutions, their practices, and the communities with whom they engage. Implement skills relevant to the museum profession, such as collections management, condition reporting, exhibition and programming planning, and research.

ANTH 546. Advanced Contemporary Medical Anthropology**3 Credits (3)**

This advanced seminar in medical anthropology addresses contemporary issues in the field of medical anthropology through theoretical and ethnographic texts. Topics span a wide range of studies in medical anthropology and may include such issues as the social production of health and illness, medical pluralism, discourses of mental health, the practice of complementary and alternative medicine, health disparities, the political economy of infectious disease, race and biological variation in biomedicine, and implementing biocultural perspectives. Crosslisted with: ANTH 402.

Learning Outcomes

1. Discuss current issues relevant to the study of medical anthropology.
2. Apply medical anthropological concepts and ideas to theoretical and practical health issues.
3. Acquire skills in the critical appraisal of ethnographic literature.

ANTH 547. Museum Field Methods**3 Credits (3)**

This course will introduce students to many of the fundamental concepts behind the creation of a museum exhibition. Drawing from the extensive permanent collection of the University Museum, housed in the basement of Kent Hall, students will gain hands-on experience with exhibition development, resulting in the creation of a temporary public exhibition in the west gallery of the Museum. By turning the museum inside-out, this course will be a unique behind-the-scenes experience. Through readings and discussion, we will also examine historic and contemporary interpretations of exhibitions and collections from the cabinet of curiosity and wunderkammer, to readymades and Mark Dion's re-imagined museums. Crosslisted with: ANTH 347.

Learning Outcomes

1. Explain the basic concepts and terminology of the museum
2. Differentiate the functions, roles, duties and responsibilities of museums
3. Describe the types of museums and their historical development
4. Discuss the challenges and responsibilities that museums and their staff members encounter, most especially in collections
5. Employ the fundamental principles and practices of museum documentation (knowledge of deaccessioning and the challenges faced by museum and inherited collections)
6. Apply the fundamental principles and practices of collection management
7. Synthesize the fundamental principles and practices of museum exhibition planning and design including the role of the curator
8. Object handling and basics of preventive conservation

ANTH 549. Advanced Museum Anthropology**3 Credits (3)**

This course provides an introduction to the methodological and theoretical approaches of museum anthropology. Students will gain experience with all these aspects of museum anthropology in the course by engaging with critical scholarship, analyzing case studies, and practicing collections-based research methods utilizing the collections of the University Museum. Through assignments students will analyze objects in the museum's collections using techniques of close looking, drawing, photography, sequences of making, and external research using scholarly sources. Students will gain skills in primary and secondary research, the analysis of material culture, and the practicalities of navigating research in museums.

Learning Outcomes

1. Describe major theoretical approaches to museum anthropology, and how these have changed over time. Critically engage with the intersections between museums as institutions and the practice of anthropology, including the politics of representation. Implement methodological research skills as a student-scholar by conducting independent research based on museum collections. Convert collections-based research into written and media works characteristic of scholar-facing and public-facing practice in museum anthropology, curatorship, and museum studies.

**ANTH 551. Advanced Indigenous Peoples History of the United States
3 Credits (3)**

This course is a history of United States as experienced by the Indigenous people. It delineates the Indigenous experience as reflected in Native American scholarship and research. The Indigenized and decolonized Native perspective provides an educative authenticity of Indigenous knowledge comprehensible to all, particularly the non-Indian.

Learning Outcomes

1. The student can identify and describe significant historic periods as experienced by the Indigenous inhabitants in United States The student is able to identify and differentiate aspects of the Native American historic experience in relationship to the standard linear chronicle timeline as reflected in U.S. history. The student is able to compose a brief summary review of the Native American historic periods as evidenced in scholarship and research.

**ANTH 553. Advanced Native American Women
3 Credits (3)**

Students investigate the status, experience, and contributions of Native American women from pre-contact to contemporary times. Identifying the contribution of Native American women to societies, communities, and Nations as keepers of knowledge, teachings, and traditions. Crosslisted with: ANTH 453.

Learning Outcomes

1. Explore and examine the roles of American Indian women within a tribal society and analyze the impact of colonization and decolonization upon their place / roles over time.
2. Evaluate historical and contemporary issues of importance to American Indian women and their communities.
3. Assess a topic, book or issue of importance to Native women through a research paper, case study, or exam demonstrating in-depth knowledge and understanding.
4. Demonstrate in-depth knowledge and understanding of Native American women histories and contemporary issues.
5. Formulate a paper on Native woman/tribal women from historical or contemporary sources and share with class (undergraduates).
6. 6 Demonstrate in-depth knowledge and understanding of Native American women through an exam/final (undergraduates).
7. Demonstrate in-depth knowledge and understanding of Native American women through a research presentation/final paper (graduates).

**ANTH 556. Advanced Native American Intersections in Museums
3 Credits (3)**

This course explores the changing relationships and complex intersections between Native people and museums. We will examine how museum practices of collection and exhibition influence ways in which knowledge is formed and presented, and interrogate the role of museums as crucial sites for discourse around issues of ownership, indigenous knowledge and representation. Case studies revealing shifting meanings of objects, curatorial challenges, the development of tribal museums and repatriation complexities will be used to critically engage with Native responses via art, criticism and legal action. Crosslisted with: ANTH 456.

**ANTH 560. Advanced Forensic Anthropology
3 Credits (3)**

Overview of the field of forensic anthropology. Topics covered include basic human osteology; skeletal examination and documentation; skeletal trauma; personal identification; forensic taphonomy and the process of decomposition; archaeology and scene processing; sex, age, stature, and ancestry estimation; and contemporary issues and limitations in the field of forensic anthropology.

Learning Outcomes

1. Understand how scientific findings from fields like biological anthropology are applied in forensic anthropology. Understand the history and range of applications of forensic anthropology. Gain a practical understanding of the methods, applications, and limitations of forensic anthropology as relates to police and other investigations. Gain a practical understanding of how forensic anthropologists identify human bones and the process of building a biological profile of human remains. Understand processes like decomposition and recovery of remains at crime scenes.

**ANTH 564. Advanced Curation Crisis in Archaeology
3 Credits (3)**

This collection management course will introduce students to collections curation, collections care, and collections-based research. Archaeological collections stewardship begins before an archaeologist steps foot into the field and continues well after the recovered collections reach the repository. This course provides students with an understanding of the curation#“crisis”#using archaeological collections curated at the University Museum as a case study and the responsibilities that archaeologists have to the collections they generate.

Learning Outcomes

1. Learn about the maintenance of archaeological and repository collections over time Learn about the management of, access to, and use of archaeological collections Learn about the curation crisis at a small museum (e.g., Kent Hall University Museum) Learn about collections-based research Learn about the development of a small as well as large archaeological database Learn about various ways of disseminating archaeological collections to the public Change the perception of the “just digging and we will deal with the collections later” approach.

**ANTH 574. Advanced Human Osteology
3 Credits (3)**

Advanced Human Osteology surveying the functional, developmental and evolutionary biology of the human skeleton. Identifying bones and teeth from hands-on experience with skeletal and dental material. Provides a foundation for human evolutionary studies, bioarchaeology and forensic anthropology. May be repeated up to 3 credits. Crosslisted with: BIOL 574.

ANTH 575. Advanced Pottery Analysis in Archaeology

3 Credits (3)

This course introduces the basic concepts, methods, and approaches used in the analysis of archaeological pottery. The purpose of the course is first to provide hands-on experience with the full range of analytical techniques routinely applied to ceramic materials recovered from archaeological sites, but to also provide a contextual framework for the interpretation and evaluation of these data. Classes consist of brief introductory lectures, and seminar presentation and discussion of course readings. Lab meetings consist of exercises designed to provide you with practical experience working with the materials and measures covered in lectures and readings. Crosslisted with: ANTH 375.

Learning Outcomes

1. Students will learn the theory underlying pottery analysis as well as some of the methods used to identify and interpret pottery;
2. Students will learn to think about the organization of pottery technology from a behavioral rather than a purely typological framework;
3. Students will have the opportunity to develop and then evaluate a research question or problem statement within a chosen theoretical framework, as well as have the opportunity to evaluate that question or questions using both qualitative and quantitative analyses;
4. Students will gain the skills needed to assess pottery analysis reports and undertake pottery analyses for senior thesis, M.A. theses, and CRM contexts.

ANTH 576. Lithic Technology Organization

3 Credits (3)

Advanced seminars and laboratory exercises to learn and develop techniques and methods that will help us determine how to interpret behavioral and cultural information from lithic (stone tool) data. Consent of Instructor required.

ANTH 577. Advanced Zooarchaeology

3 Credits (3)

Detailed study and analysis of taphonomic processes affecting animal bone recovered from archaeological and paleontological contexts.

ANTH 578. Advanced Lab Methods in Archaeology

3 Credits (3)

Examination of advanced laboratory techniques used in the analysis of archaeological materials.

ANTH 579. Qualitative Data Analysis and Interpretation

3 Credits (3)

This course focuses on methods for qualitative data analysis, both computer-assisted and non-computer-assisted, and interpretation. It includes writing up data for academic articles or theses.

ANTH 585. Method and Theory in Archaeology

3 Credits (3)

Focus on major methodological and theoretical aspects of contemporary archeology.

ANTH 587. Field Work in Latin America

3-12 Credits

Covers anthropological field methods in Latin America that also incorporate in-field lab analysis. No S/U grading.

Prerequisite: consent of instructor.

ANTH 596. Readings

1-6 Credits

Individual study of selected readings and topics. May be repeated for a maximum of 6 credits. Consent of instructor required.

ANTH 597. Internship

1-9 Credits

Anthropological or archaeological internship in private, state, or federal agency. May be repeated for a maximum of 18 credits. Consent of instructor required. Restricted to ANTH majors.

Prerequisite(s): graduate standing.

ANTH 598. Special Research Problems

1-6 Credits (6)

Individual analytic or experimental investigations. May be repeated under different subtitles for a maximum of 6 credits. Consent of instructor required. Restricted to ANTH majors.

Prerequisite(s): graduate standing.

ANTH 599. Master's Thesis

1-15 Credits

Thesis. Consent of instructor required. Restricted to ANTH majors.

Prerequisite(s): graduate standing.

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