ANTHROPOLOGY

Stacy Warren, Chair
department page (https://www.ewu.edu/css/geography-anthropology/anthropology/)
110 Isle Hall
509.359.2433

Undergraduate Degrees
BA–Anthropology Major (http://catalog.ewu.edu/social-behavioral-sciences-work/anthropology/anthropology-ba/)
Minor–Anthropology (http://catalog.ewu.edu/social-behavioral-sciences-work/anthropology/anthropology-minor/)
Minor–Archaeology (http://catalog.ewu.edu/social-behavioral-sciences-work/anthropology/archaeology-minor/)
Minor–Medical Anthropology (http://catalog.ewu.edu/social-behavioral-sciences-work/anthropology/medical-anthro-minor/)

Graduate Degree
(http://catalog.ewu.edu/social-behavioral-sciences-work/anthropology/archaeology-minor/)
JMA–Critical GIS and Public Anthropology (http://catalog.ewu.edu/social-behavioral-sciences-work/anthropology/gis-ma/)

Required courses in these programs of study may have prerequisites. Reference the course description section for clarification.

Faculty

Stephen Tsikalas

Undergraduate Programs
Anthropology—offered here as a major or a minor in either general anthropology or archaeology—offers students the opportunity to broaden their understanding of peoples and cultures of the world, both today and in the past. The four-field approach asks students to consider the biological, cultural, prehistoric/historic and linguistic aspects of the human condition. Then students will put that knowledge to work by doing independent research under faculty supervision. Specifically, the Bachelor of Arts degree in Anthropology is designed to meet the needs of students who want to:

• broaden their undergraduate exposure to other peoples and cultures of leading to work in fields like social work and human services, law and forensics, as well as business and other occupations interacting with ethnically diverse populations or international agencies and companies;
• prepare for graduate studies in Anthropology in applied masters programs (to work as an archaeologist or applied anthropologist) or PhD programs;
• or prepare for work as an archaeological technician, as a Peace Corps volunteer, or in other opportunities around the world.

The department also has a research unit, Archaeological and Historical Services, where students can volunteer and some internships may be arranged both with AHS and other entities. The department has a number of physical facilities available for student use, including laboratory space for physical anthropology and archaeology, a GIS laboratory, and space to collaborate with peers.

Optional Requirements for Anthropology
Anthropology students who plan to become candidates for advanced degrees are advised to complete two years of a foreign language and a course in statistics.

Graduate Program
The Masters of Critical GIS and Public Anthropology is designed to provide students with a set of practical skills, tools and knowledge related to engaged community practice in critical social, cultural, geographic, economic and regulatory issues, particularly as it affects community institutions and non-profit / non-governmental institutions. Specifically, the program prepares students for critical and applied public research, analysis and advocacy in a range of fields, such as health care, education, environmental protection, law, advocacy, business, marketing, community organizing, community development, social services and cultural resource management among others.

Anthropology Courses (ANTR)

ANTR 195. INTERNSHIP. 1-5 Credits.
Internship.

ANTR 197. FRESHMAN SEMINAR. 2 Credits.
Freshman Seminar.

ANTR 201. GLOBAL CULTURAL ENCOUNTERS. 5 Credits.
Satisfies: a BACR for social sciences.
This course examines the flow of people, goods, images, ideas and knowledge that across borders of all kinds with greater rapidity and consistency in our increasingly interconnected world. Students will deepen their understanding of and expand their exposure to cultural beliefs, traditions, practices and values from communities throughout the world. The course will consider the role that culture plays in some of the major social, political, economic and religious tensions and conflicts.

ANTR 202. HUMAN EVOLUTION. 5 Credits.
Satisfies: a BACR for natural science.
This course examines the biological process of evolution as it applies to humans and their recent ancestors; it does not debate the existence of evolutionary processes. Students learn about major events in human evolution and key fossil evidence that reflects them, including the development of bipedalism, increase in size and complexity of the human brain, increasing use of cultural solutions to respond to biological pressures, and nature and extent of ongoing human microevolution.
ANTR 203. LANGUAGE AND HUMAN BEING. 5 Credits.
Satisfies: a BACR for humanities and arts.
This course explores the importance of language for understanding human beings. Studying language and its diversity allows us to better appreciate different cultures by giving us a sense of how people view the world differently. In the analysis of language, we learn about interpretation and philosophically-rich inquiry. This course explores several different cultures through the lens of language and the interpretive problems that anthropologists face in trying to understand them.

ANTR 204. ARCHAEOLOGICAL SCIENCE. 5 Credits.
Satisfies: a BACR for natural science.
Archaeology provides a useful case study for the practical application of natural science knowledge in support of the needs of disciplines both within and without the broader natural sciences. Students explore the archaeological sciences of remote sensing and probabilistic surveying, radiometric and isotopic dating, fauna/floral analysis, climate reconstruction and change, reconstruction of subsistence patterns and population health, mortality and movements among others.

ANTR 250. EXPERIENCING ANTHROPOLOGY. 2 Credits.
Notes: may be repeated for a max of 8 credits.
This course provides a structure for students to engage cultural research, activities and experiences on campus and in the community. In coordination with and approval by the instructor, students attend various lectures, presentation, films, performances and events throughout the quarter. The total number of hours spent attending activities must equal no less than 20. Students produce reflection papers for each activity as well as an integrative culminating paper.

ANTR 296. EXPERIMENTAL COURSE. 1-5 Credits.
Experimental Course.

ANTR 299. DIRECTED STUDIES. 1-15 Credits.
Pre-requisites: permission of the instructor, department chair and college dean.
Directed Studies.

ANTR 301. CULTURAL ANTHROPOLOGY. 3 Credits.
Pre-requisites: sophomore standing.
This course examines major concepts, theories and methods in cultural anthropology. Students explore how anthropologists analyze and interpret different cultural practices that manifest in an individual's everyday life. By using ethnographic case studies of communities from throughout the world, the course addresses issues of identity, family, kinship, gender, race, class, ritual, belief and expression.

ANTR 302. BIOLOGICAL ANTHROPOLOGY. 3 Credits.
Pre-requisites: sophomore standing.
This course offers an introduction to the study of human biological evolution with an emphasis on the interaction between biology and culture. Students explore topics such as hominin evolution, skeletal morphology, primatology, population dynamics, dietary practices, illness and disease, genetics and epidemiology. The course also covers evolutionary theory, basic genetic principles, heredity and human behavioral ecology.

ANTR 303. LINGUISTIC ANTHROPOLOGY. 3 Credits.
Pre-requisites: sophomore standing.
This course explores the human condition through the study of language in real-life social contexts. It explores language's relationship to various forms of human action, as a constitutive feature of the building of human communities, and as a differentiating factor within human communities associated with stratification and inequality. Topics include performance, identity, and literacy. Basic ethnographic methods in the study of language-in-action will also be discussed.

ANTR 304. ANTHROPOLOGICAL ARCHAEOLOGY. 3 Credits.
Pre-requisites: sophomore standing.
This course provides an introduction to the field of anthropological archaeology. Students are introduced to the history, theories, methods, and broader social contexts of material culture studies, a survey of significant archaeological excavations, the theoretical and methodological development of the discipline and the contemporary issues surrounding archaeological research.

ANTR 305. INTEGRATING ANTHROPOLOGY. 1 Credit.
Pre-requisites: ANTR 301, ANTR 302, ANTR 303 and ANTR 304.
Prerequisites may be taken concurrently.
This course provides students an opportunity to explore and engage the intersection, interaction and integration of the four subfields of anthropology: cultural, linguistic, physical and archaeology. Students produce a presentation that explores how the integration of the subfields provides the potential to better engage, understand and explain human cultural diversity.

ANTR 310. IDENTITY, ETHNICITY AND NATIONALISM. 5 Credits.
Pre-requisites: sophomore standing.
Satisfies: a university graduation requirement–global studies.
This course engages the study of identity, ethnicity and nationalism to better understand how individuals and communities establish collective cohesion, create notions of group identity and organize politically. Topics include power, domination, resistance, identity formation, othering, ethno-nationalism, imagined communities, nation-states, multinational states and stateless nations.

ANTR 311. POVERTY, INEQUALITY AND SOCIETY. 5 Credits.
Pre-requisites: sophomore standing.
Satisfies: a university graduation requirement–global studies.
This course explores the nature of poverty and structural inequality in communities throughout the world. The course traces the historical development of gaps in power and privilege among people and communities that results in poverty, economic oppression, and social, political and economic inequality.

ANTR 312. GLOBALIZATION AND ITS DISCONTENT. 5 Credits.
Pre-requisites: sophomore standing.
Satisfies: a university graduation requirement–global studies.
This course explores the nature of globalization as both a historical phenomenon and contemporary reality. The course will address how increasingly rapid sociocultural change around the world has led to an array of movements that are dissatisfied with and opposed to globalization. The course will examine how resistance to globalization has led to ethnic, nationalist and class-based collective social, political and economic actions throughout the world.

ANTR 320. ANTHROPOLOGY OF AFRICA. 5 Credits.
Pre-requisites: sophomore standing.
Satisfies: a university graduation requirement–global studies.
This course is an introductory comparative survey of various African societies and culture communities. The course explores the geography, cultural history and contemporary diversity of people in Africa.
ANTR 321. ANTHROPOLOGY OF ASIA. 5 Credits.
Pre-requisites: sophomore standing.
Satisfies: a university graduation requirement–global studies.
This course is an introductory survey of various Asian societies and cultural communities. The course explores the geography, cultural history, and contemporary diversity of people in Asia by focusing on a number of case studies with particular attention paid to the experiences of minority groups.

ANTR 322. ANTHROPOLOGY OF LATIN AMERICA. 5 Credits.
Pre-requisites: sophomore standing.
Satisfies: a university graduation requirement–global studies.
This course is an introductory survey of contemporary cultures of Central and South America, including both aboriginal and peasant societies. Emphasis is placed on the merging and clashing of European, Indian and African, rich and poor and the continuing character of these conflicts into the present.

ANTR 323. ANTHROPOLOGY OF THE MIDDLE EAST. 5 Credits.
Pre-requisites: sophomore standing.
Satisfies: a university graduation requirement–global studies.
This course is an introductory survey that examines the various ethnic, religious and national communities of the Middle East in historical and contemporary context. Emphasis is placed on the role of ethnicity, kinship, nationalism, and religion on contemporary social, political and economic issues in the region.

ANTR 324. ANTHROPOLOGY OF NORTH AMERICA. 5 Credits.
Pre-requisites: sophomore standing.
Satisfies: a university graduation requirement–diversity.
This course is a survey of contemporary cultural groups in Canada, the United States and Mexico with particular emphasis on the myriad forms of cultural and gender diversity embedded within these areas. The course uses case studies from various communities to present “an ethnography of everyday life” in North America. The course considers topics focusing on contemporary issues of kinship, gender, class, race, ethnicity, identity, work, the environment and urbanization.

ANTR 325. INDIANS OF NORTH AMERICA. 5 Credits.
Pre-requisites: sophomore standing.
Satisfies: a university graduation requirement–diversity.
This course is a survey of the various Indian cultures in North America with a particular emphasis on exploring the relationships between Indian communities, federal policies and institutions and broader American society. The course will examine various Indian cultural traditions and lifeways, issues of identity maintenance, land claims, sacred site protection, repatriation and the complex, complicated and contentious historical relationship between anthropology and Indian communities.

ANTR 329. ANTHROPOLOGY ABROAD. 1-10 Credits.
Notes: students must arrange their enrollment in this course with the department chair or program director.
This course is only available to those students participating in a study abroad opportunity and seeking to either earn university credits for study abroad or transfer credits to university from another institution’s program.

ANTR 330. ANTHROPOLOGY OF ASIA. 5 Credits.
Pre-requisites: sophomore standing.
Satisfies: a university graduation requirement–global studies.
This course is an introductory survey of various Asian societies and cultural communities. The course explores the geography, cultural history, and contemporary diversity of people in Asia by focusing on a number of case studies with particular attention paid to the experiences of minority groups.

ANTR 331. ANTHROPOLOGY OF LATIN AMERICA. 5 Credits.
Pre-requisites: sophomore standing.
Satisfies: a university graduation requirement–global studies.
This course is an introductory survey of contemporary cultures of Central and South America, including both aboriginal and peasant societies. Emphasis is placed on the merging and clashing of European, Indian and African, rich and poor and the continuing character of these conflicts into the present.

ANTR 332. ANTHROPOLOGY OF THE MIDDLE EAST. 5 Credits.
Pre-requisites: sophomore standing.
Satisfies: a university graduation requirement–global studies.
This course is an introductory survey that examines the various ethnic, religious and national communities of the Middle East in historical and contemporary context. Emphasis is placed on the role of ethnicity, kinship, nationalism, and religion on contemporary social, political and economic issues in the region.

ANTR 333. ANTHROPOLOGY OF NORTH AMERICA. 5 Credits.
Pre-requisites: sophomore standing.
Satisfies: a university graduation requirement–diversity.
This course is a survey of contemporary cultural groups in Canada, the United States and Mexico with particular emphasis on the myriad forms of cultural and gender diversity embedded within these areas. The course uses case studies from various communities to present “an ethnography of everyday life” in North America. The course considers topics focusing on contemporary issues of kinship, gender, class, race, ethnicity, identity, work, the environment and urbanization.

ANTR 335. RACE AND ETHNICITY: A FOUR FIELD ANTHROPOLOGICAL APPROACH. 5 Credits.
Pre-requisites: sophomore standing.
This course explores the concepts of race and ethnicity through the four subfields of anthropology: archaeology, biological anthropology, cultural anthropology, and linguistics. Based on faculty interests, the course uses various case studies from different parts of the world to explore how the subfields of anthropology function as a connected and complementary set of lenses through which to more thoroughly engage issues of race and ethnicity.

ANTR 340. ANTHROPOLOGY OF FOOD AND NUTRITION. 5 Credits.
Pre-requisites: sophomore standing.
This course considers cultural and social significance of food by exploring the diverse ways in which people and communities across the world embed meaning in the types of foods consumed, the manner in which food is prepared and the ways in which meals are served. Topics may include hunger, malnutrition and famine, food security and food sovereignty, dietary patterns, commodification of foods and food-related social movements.

ANTR 342. MEDICAL ANTHROPOLOGY. 5 Credits.
Pre-requisites: sophomore standing.
Satisfies: a university graduation requirement–global studies.
This course offers an understanding of the anthropology of medicine, curing versus healing, the concept of biomedicine and its role in today's world and other perspectives on medicine and medical practice. A review of folk and professional medical systems is included.

ANTR 345. ANTHROPOLOGY OF SCIENCE AND TECHNOLOGY. 5 Credits.
Pre-requisites: sophomore standing.
This course explores cultural aspects of science and technology. Through close readings of ethnographic texts and an exploration of the theoretical frameworks which inform them, the course explores how science and technology function in and across different cultures and societies, and how culture, society, science, and technology shape each other. Special attention is paid to the relationship between observational data and theoretical explanation in ethnographic analysis.

ANTR 350. WORLD ARCHAEOLOGY. 5 Credits.
Pre-requisites: sophomore standing.
This course provides a global review of archaeology beginning with the appearance of the first hominids (the Australopithecines) through the beginnings of agriculture and the advent of social stratification and culturally complex civilizations. Topics include an overview of human evolution, the first humans and their hunting-gathering lifestyles, the increasing specialization of hunter-gatherers and the dawn of horticulture-agriculture.

ANTR 351. ARCHAEOLOGY OF NORTH AMERICA. 5 Credits.
Pre-requisites: sophomore standing.
This course explores North American prehistory from the initial peopling of the continent to the development of complex societies. Topics include human entry into and migration across the hemisphere, changes in subsistence strategies, the impact of humans on the environment and landscape, European contact and the relationship between archaeology and native communities.

ANTR 359. TOPICS IN ANTHROPOLOGY. 5 Credits.
Pre-requisites: sophomore standing.
This course is a variable topics course exploring current interests and specific research foci in each of the four sub-fields of anthropology. Topics might include anthropological perspectives on contemporary issues; current research interests of specific faculty; further investigation of sub-topics included in large survey courses.
ANTR 401. ETHNOGRAPHIC RESEARCH METHODS. 5 Credits.
Pre-requisites: ANTR 301 and ANTR 303. Prerequisites may be taken concurrently.
This course introduces the core ethnographic research methods used by anthropologists to gather data for analysis and interpretation of cultural phenomenon. Students gain practical experience in sampling, validity and reliability issues, interviewing techniques and methods of observation among others.

ANTR 402. ARCHAEOLOGICAL FIELD METHODS. 5 Credits.
Pre-requisites: ANTR 304 or permission of instructor.
This course introduces students to core archaeological field methods, procedures and techniques with particular emphasis on archaeological survey, site recording, mapping and site excavation strategies.

ANTR 403. VISUAL METHODS AND COMMUNICATION. 5 Credits.
Pre-requisites: junior standing or permission of instructor.
This course explores ethnographic photography and video as ethnographic research methods, as means to communicate anthropological knowledge, and as tools for solving social problems. Topics include the classic ethnographic photography, of Gregory Bateson and Margaret Mead, the progressive films and videos of Judith and David MacDougall, and the recent applied visual anthropology of Sarah Pink. Students learn basic visual theories and methods.

ANTR 404. APPLIED ANTHROPOLOGY IN PRACTICE. 5 Credits.
Pre-requisites: ANTR 401.
This course emphasizes the practical application of anthropology in community settings by providing instruction in the methods and techniques anthropologists use to work with communities, organizations and institutions to solve problems. In collaboration with faculty, students work on an applied anthropology project in the community.

ANTR 408. HISTORICAL ANTHROPOLOGICAL THEORY. 3 Credits.
Pre-requisites: ANTR 301.
This course explores the historical development of anthropological theory from its inception to the 1980s. Major theoretical paradigms, perspectives and models concerning culture, social structure, history and evolution are addressed.

ANTR 409. CONTEMPORARY ANTHROPOLOGICAL THEORY. 3 Credits.
Pre-requisites: ANTR 408.
This course explores some of the major issues that have characterized the development of sociocultural theory since the 1980s. Topics include agency and structure, subjectivity and reflexivity, postmodernism, hegemony, globalization and transnationalism.

ANTR 430. ENVIRONMENTAL ANTHROPOLOGY. 5 Credits.
This course analyzes and contrasts the relationship between different human populations, their cultural practices, and the natural environment. The course discusses how both political and economic forces shape cultural practices, the relationship of capitalism and state formation to the natural environment, maladaptation and environmental problems, such as global climate change.

ANTR 431. APPLIED MEDICAL ANTHROPOLOGY. 5 Credits.
Pre-requisites: choose one of the following: ANTR 305, ANTR 342, ANTR 401 or permission of instructor.
This course explores the application of anthropological methods and theory to help medical and healthcare professionals care for individuals through culture-specific healthcare delivery. The course addresses cultural competency, power differentials that shape access to care, ethnomedicine, alternative medicine and transcultural psychiatry.

ANTR 432. ANTHROPOLOGY OF GENDER. 4 Credits. Satisfies: a university graduation requirement—diversity.
This course examines notions of sex and gender from a cross-cultural perspective. Material covered includes understandings of gender, third genders, human sexuality and the gendered nature of activities in both non-Western and Western societies.

ANTR 435. ANTHROPOLOGY OF RELIGION. 5 Credits. Pre-requisites: junior standing.
This course explores the anthropological study of religious concepts, practices and traditions from a cross-cultural perspective. The course addresses topics such as symbolism, myth, ritual, magic, religious specialization, witchcraft, syncretism, revitalization, death, dying and the afterlife.

ANTR 445. ECONOMIC ANTHROPOLOGY. 5 Credits. Pre-requisites: ANTR 301, ECON 100, ECON 200 or ECON 201.
This course examines the economic behavior of people around the world, paying particular attention to the different systems of production, consumption and exchange that operate throughout the world. The goal of the course is to situate the study of markets, commodities and money into a larger cross-cultural context by exploring relations of power, kinship, gender, exchange and social transformation.

ANTR 446. AID AND DEVELOPMENT. 5 Credits. Pre-requisites: ANTR 305, ANTR 311, ANTR 312 or ANTR 445; or permission of instructor.
This course is designed to problematize understandings of poverty, aid and development by examining the intersection of the global free market economies with those communities historically referred to in the literature as “poor.” Students explore how aid and development has been marshaled to alleviate or eliminate economic poverty and structural inequality.

ANTR 447. FAIR TRADE, COFFEE AND SOCIAL JUSTICE. 2 Credits. Pre-requisites: ANTR 201 or ANTR 301.
This class explores the Fair Trade movement, using coffee as a lens. Topics include how the Fair Trade system has worked, debate over the Fair Trade system as a social movement and an alternative market.

ANTR 449. ADVANCED TOPICS IN CULTURAL ANTHROPOLOGY. 5 Credits. Pre-requisites: ANTR 305 or permission of instructor.
This course is an advanced variable topics course exploring current research foci in cultural anthropology. Topics selected for this course attempt to connect anthropological perspectives and faculty research interests with contemporary issues in cultural anthropology and relevant events and trends in the world. Course is designed for majors seeking more advanced instruction in cultural anthropology.

ANTR 451. ARCHAEOLOGICAL LAB ANALYSIS. 5 Credits. Pre-requisites: ANTR 204, ANTR 304 or ANTR 402; or permission of the instructor.
This archaeological laboratory course provides students with a foundation in post-excauation analysis. The course broadly covers various analytical methodologies, with particular attention to regional assemblages housed at EWU. Students are provided with an opportunity to gain experience in different analysis techniques used to study an assemblage after it is brought in from the field and incorporate that data into a discussion of larger issues.

ANTR 455. ARCHAEOLOGY OF MESOAMERICA. 5 Credits. Pre-requisites: ANTR 204, ANTR 304 or ANTR 402; or permission of the instructor.
This course explores the archaeological and ethnohistorical record of peoples from Mexico, Central America, and Western South America.
ANTR 459. ADVANCED TOPICS IN ARCHAEOLOGY. 5 Credits.
Pre-requisites: ANTR 204, ANTR 304 or permission of instructor.
This course is an advanced variable topics course exploring current research foci in archaeology. Topics selected for this course attempt to connect archaeological perspectives and faculty research interests with contemporary issues in archaeology and heritage management. The course is designed for majors seeking more advanced instruction in archaeology.

ANTR 460. FORENSIC ANTHROPOLOGY. 5 Credits.
Pre-requisites: restricted to students majoring in Anthropology, Criminal Justice or Chemistry with Forensic Science option; or permission of instructor.
This course is an overview of osteology, human taphonomy and personal identification from skeletal remains, particularly as they are applicable to law enforcement situations. Most class periods will be a combination of lecture and laboratory work.

ANTR 470. SOCIOLINGUISTICS. 3 Credits.
Pre-requisites: ANTR 303 or permission of instructor.
This course explores three interdisciplinary social science approaches to language: how language varies according to different social factors such as class and gender, interactive dimensions of language use in modern institutions such as hospitals and courtrooms, and applications of sociolinguistics to social issues such as multilingualism and language policy. This seminar course is lead by students; class discussions build off students' presentations on assigned readings.

ANTR 480. DESIGNING ANTHROPOLOGICAL RESEARCH. 5 Credits.
Pre-requisites: ANTR 305 and either ANTR 401 or ANTR 402.
This course provides students with instruction and practice in how anthropologists envision, design, conduct and disseminate anthropological work. In particular, students receive training in generating feasible and critical research questions, choosing appropriate methods of data collection and writing strong research and grant proposals. At the end of the course, students submit a proposal for research to be conducted in ANTR 481 and ANTR 482 and present it to the department faculty.

ANTR 481. ANTHROPOLOGICAL PROJECTS I. 3 Credits.
Pre-requisites: ANTR 480.
This course provides students an opportunity to conduct a short anthropological research project based on the proposal generated in ANTR 480. Typically, in ANTR 481 students conduct data collection and complete a literature review; ANTR 482 focuses on completing data analysis and crafting a final report with conclusions. Faculty provide guidance and mentorship throughout the research project. Students are expected to take responsibility for the management and execution of the research project.

ANTR 482. ANTHROPOLOGICAL PROJECTS II. 3 Credits.
Pre-requisites: ANTR 481.
This is a continuation of ANTR 481. Students continue their work on a short anthropological research project based on the proposal generated in ANTR 480. Typically students focus on completing their data analysis and crafting a final report for their project.

ANTR 490. SENIOR CAPSTONE ANTHROPOLOGY. 4 Credits.
Pre-requisites: ANTR 482, may be taken concurrently.
Satisfies: a university graduation requirement—senior capstone.
This course joins together the diverse sub-fields and eclectic viewpoints of anthropology and its supporting disciplines with the aim of clarifying anthropology's practical uses. Students will share and discuss their indenment research projects conducted in ANTR 481 and ANTR 482 with the goal of discovering and articulating the intersections of the various anthropological subfields represented.

ANTR 495. INTERNSHIP. 1-15 Credits.
Pre-requisites: permission of the instructor, department chair and college dean.
Internship.

ANTR 496. EXPERIMENTAL. 1-5 Credits.
Experimental.

ANTR 497. WORKSHOP, SHORT COURSE, CONFERENCE, SEMINAR. 1-5 Credits.
Special short-term programs of varying content, usually involving field work problems.

ANTR 498. SEMINAR. 1-5 Credits.
Seminar.

ANTR 499. DIRECTED STUDY. 1-10 Credits.
Pre-requisites: permission of instructor, department chair and college dean.
Independent study in selected areas of anthropology.

ANTR 600. THESIS. 1-5 Credits.
Thesis.

ANTR 601. RESEARCH REPORT. 1-5 Credits.
Research Report.

Critical GIS and Public Anthropology Courses (GIPA)

GIPA 500. ADVANCED STANDING SEMINAR. 6 Credits.
Pre-requisites: admission into Advanced Standing GIPA program or permission of the GIPA Director.
This intensive course provides students admitted to the GIPA Advanced Standing program with an overview of the foundation requirements for study. It prepares students with relevant theoretical and spatial scientific background, basic GIS training, appropriate research design and methods, and an introduction to peer-reviewed writing in the social sciences. This preparatory seminar must be successfully completed before starting the Advanced Standing program itself.

GIPA 501. WRITING WORKSHOP. 1 Credit.
Notes: graded Pass/No Credit.
Pre-requisites: graduate standing or permission of instructor.
The development of effective social science writing skills is increasingly essential to students seeking to find employment in the areas of critical GIS, applied anthropology and cultural resource management. This course focuses on developing and sharpening writing in peer-reviewed social science environments, including grants, technical reports, and research publications.
GIPA 502. REVISIING WORKSHOP. 2 Credits.
**Pre-requisites:** GIPA 501.
This course allows students to strengthen their writing and revising skills in the social science writing context by exploring ethical dilemmas faced in fieldwork, professional conduct, legal obligations of practicing anthropologists and geographers, and conflict management as skills and tools necessary for the day-to-day practice of social science writing.

GIPA 510. RESEARCH DESIGN AND METHODS. 5 Credits.
**Pre-requisites:** GIPA 501, GIPA 520 or permission of instructor.
Students will develop a practical toolkit with which to conduct applied social science research at the graduate level. It addresses research design elements necessary in areas such as needs assessments and program evaluations through techniques such as participatory research, action research, evaluation, assessment, and surveying. The course covers development of research proposals for independent, grant funded or contract designs.

GIPA 511. SCIENCE, CULTURE, SOCIETY. 5 Credits.
**Pre-requisites:** GIPA 501 or permission of the instructor.
This course introduces students to the practice of science in geography and anthropology as a cultural and social, as well as scientific, endeavor. We examine current trends in spatial data analysis and their varied backgrounds: the institutions, policies, economics, and cultural conventions governing the practice of science and how they have changed over the years and across space. We explore how policies and practices impact the lives of individuals and communities.

GIPA 518. RESOURCES, CULTURE, SOCIETY. 5 Credits.
**Pre-requisites:** GIPA 520.
This course examines natural and cultural resources as socially constructed phenomenon whose meaning changes across space and time. It provides advanced experience with the qualitative and quantitative methods of spatial analysis and the historic contexts within which they were developed. Students research, compare, and critically apply a variety of environmental theories to different case study scenarios in order to develop proficiency across a spectrum of natural and cultural resources.

GIPA 520. THEORIES OF ENGAGED RESEARCH. 5 Credits.
This course examines the theoretical and philosophical foundations for engaged research with particular emphasis on the how the interaction and intersection of social, cultural and spatial theories can provide the basis for engaging the needs and problems of various partner communities.

GIPA 528. RESEARCH METHODS IN PUBLIC ANTHROPOLOGY. 5 Credits.
This course introduces core methodologies used in public and applied anthropology, such as rapid appraisals, participatory research and action research. Students will gain experience with standard research methods, including participant observation, structured and unstructured interviews, and archival research, in order to be prepared for future independent research projects.

GIPA 530. COMMUNITY ENGAGEMENT. 3 Credits.
This course uses a case study approach to examine ways of engaging community issues through public anthropology, cultural resource management and critical GIS. Explores problems and problem-solving as defined by researchers, leaders and community members themselves, and place them into different theoretical, methodological and programmatic frameworks. Ultimately, considers how faculty, graduate students and community members might work together to identify and analyze community problems as well as develop solutions to those problems.

GIPA 531. COMMUNITY PROJECTS I. 5 Credits.
**Pre-requisites:** GIPA 510.
This course is designed to provide students with a framework through which to engage issues of important to a local community under the mentorship of faculty. Students will identify the particular issue and community that their work will engage and connect these to their particular area of specialization. In this course, students will focus on 1. establishing a grounded, needs-based thesis research topic; 2. building community rapport to facilitate community-based research; and 3. engaging in participatory observation of the research topic in the local community.

GIPA 532. COMMUNITY PROJECTS II. 5 Credits.
**Pre-requisites:** GIPA 531.
This course is designed to provide students with a framework through which to engage issues of important to a local community under the mentorship of faculty. Building on the work begun in GIPA 531, students will continue their community-based research while focusing on 1. data collection; 2. data management; and 3. data validation.

GIPA 533. COMMUNITY PROJECTS III. 5 Credits.
**Pre-requisites:** GIPA 532.
This course is designed to provide students with a framework through which to engage issues of important to a local community under the mentorship of faculty. Building on the work begun in GIPA 532, students will continue their community-based research while focusing on 1. data analysis; 2. data visualization; and 3. presentation of results.

GIPA 545. TOPICS IN SOCIAL AND ENVIRONMENTAL JUSTICE. 5 Credits.
**Notes:** may be repeated for credit when topics differ.
This seminar examines the breadth of research in issues related to social and environmental justice. Through an intensive engagement with relevant literature, students will be exposed to a series of select historical and contemporary debates as we examine the ontological, epistemological and practical dilemmas concerning research driven by and concerned with social and environmental justice.

GIPA 550. SEMINAR IN CRITICAL GIS. 5 Credits.
This class explores the evolution of theory and practice in critical GIS and current trends that characterize its content. Students will be exposed to the breadth of geographic thought related to critical GIS as we examine the major paradigms, sub-fields, and epistemological approaches in the field.

GIPA 555. GIS PROGRAMMING. 5 Credits.
**Pre-requisites:** GEOG 528.
This is an advanced course in GIS programming concepts and techniques. Students will be exposed to both legacy and contemporary programming languages integrated with GIS packages. Emphasis will be on creating and interpreting scripts using languages supported by current GIS software. The course includes hands-on GIS and programming work in the lab.

GIPA 556. GIS FOR ENVIRONMENTAL SCIENCE. 3 Credits.
This course emphasizes the application of Geographic Information Systems in the Environmental Sciences, including mapping and analysis of topographical, hydrological, geological, biological, and other environmental data. The course includes hands-on GIS work in the lab.

GIPA 557. GIS FOR SOCIAL SCIENCES. 5 Credits.
This course emphasizes the application of Geographic Information Systems in the Social Sciences, including census data, demographic analysis, social justice and related mapping of social phenomena. Course includes hands-on GIS work in the lab.
GIPA 558. GIS FOR PUBLIC HEALTH. 5 Credits.
This course introduces students to Geographic Information Systems (GIS) applications in the field of public health. Students learn basic digital mapping and spatial analysis concepts and techniques that can be applied toward the study of the health and wellness of populations. Students gain hands-on experience working with GIS software in a laboratory setting.

GIPA 561. ANTHROPOLOGY OF PUBLIC POLICY. 5 Credits.
This course considers anthropology’s contributions to public policy development and implementation as well as how public policy influence and impacts the lives of individuals and communities. Through the examination of public policy, this course will engage prevailing contemporary debates and discussions around power and the state, institutions and human agency, authority and hegemony, ideology and meaning, ethnicity and identity and the relationship between the global and the local.

GIPA 570. ARCHAEOLOGICAL RESOURCE MANAGEMENT. 5 Credits.
This course provides students with instruction and training in the professional, legal, and technical aspects of contract archaeology (aka cultural resource management). The course will emphasis the practical skills students will need to enter the CRM field, such as site management, project planning, local, state and federal regulations, preservation obligations and report writing.

GIPA 575. ARCHAEOLOGICAL FIELD SCHOOL. 5-10 Credits.
This course offers students hand-on experience in archaeological excavation techniques and methods through a formal field school setting. Over the course of several weeks, students will gain practical experience in field survey, excavation, stratigraphic interpretation, data collection and management and associated archaeological field skills. Depending on the nature of the site and excavations scheduled for a particular year, students may have opportunities for limited archaeological laboratory analysis and visitation to other local archaeological sites.

GIPA 595. INTERNSHIP. 1-5 Credits.
Pre-requisites: permission of the instructor, department chair and college dean.
This course will offer vocational experience for students in the Interdisciplinary option within the History MA program. Placement of the student with Federal or State agencies, or private organizations is designed to provide on-the-job training and will be designed for the individual needs of specific master's programs.

GIPA 596. EXPERIMENTAL. 1-5 Credits.

GIPA 598. GRADUATE SEMINAR. 1-5 Credits.
Graduate Seminar.

GIPA 599. INDEPENDENT STUDY. 1-15 Credits.
Independent Study.

GIPA 600. THESIS. 1-6 Credits.
Pre-requisites: permission of the instructor, department chair and college dean.
The objective of this course is to conduct original research as part of the completion of a research study bound as a thesis. This document provides partial fulfillment of the MA requirement and will be completed under the direction of a graduate committee. The thesis is designed to sharpen research, writing, and organizational skills.

GIPA 601. RESEARCH REPORT. 1-5 Credits.
Pre-requisites: permission of the instructor, department chair and college dean.
The objective of this course is to conduct original research as part of the completion of a research study bound as a thesis. This document provides partial fulfillment of the MA requirement and will be completed under the direction of a graduate committee. The thesis is designed to sharpen research, writing, and organizational skills.