AIRS 110. The Foundations of the United States Air Force. 1 credit.
This course introduces the United States Air Force and Air Force Reserve Officers Training Corps. Topics include mission and organization of the Air Force, officerhood and professionalism, military customs and courtesies, Air Force officer opportunities and communication skills. JMU students will take AFROTC classes at the University of Virginia for JMU credit. Students interested in joining Air Force ROTC must also register for AIRS 100, Leadership Laboratory.

AIRS 120. The Foundations of the United States Air Force. 1 credit.
This course introduces the United States Air Force and Air Force Reserve Officers Training Corps. Topics include mission and organization of the Air Force, officerhood and professionalism, military customs and courtesies, Air Force officer opportunities and communication skills. JMU students will take AFROTC classes at the University of Virginia for JMU credit. Students interested in joining Air Force ROTC must also register for AIRS 100, Leadership Laboratory.

AIRS 201. The Evolution of Air and Space Power. 1 credit.
This course examines general aspects of air and space power through a historical perspective, from the first balloons and dirigibles to the space age and global positioning systems of the Persian Gulf War. Topics include principles of war, tenets of air and space power, historical Air Force leaders, and employment of air and space power. JMU students will take AFROTC classes at the University of Virginia for JMU credit. Students interested in joining Air Force ROTC must also register for AIRS 100, Leadership Laboratory.

AIRS 210. The Evolution of Air and Space Power. 1 credit.
This course examines general aspects of air and space power through a historical perspective, from the first balloons and dirigibles to the space age global positioning systems of the Persian Gulf War. Topics include principles of war, tenets of air and space power, historical Air Force leaders, and employment of air and space power. JMU students will take AFROTC classes at the University of Virginia for JMU credit. Students interested in joining Air Force ROTC must also register for AIRS 100, Leadership Laboratory.

AIRS 310. Concepts of Air Force Leadership and Management. 3 credits.
This course studies leadership, management fundamentals and professional knowledge, Air Force personnel and evaluation systems, leadership ethics, and communication skills required of Air Force junior officers. The class studies as a means of demonstrating and applying the concepts under consideration. JMU students will take AFROTC classes at the University of Virginia for JMU credit.

AIRS 320. Concepts of Air Force Leadership and Management. 3 credits.
This course studies leadership, management fundamentals and professional knowledge, Air Force personnel and evaluation systems, leadership ethics, and communication skills required of Air Force junior officers. The class examines Air Force leadership and management situations, using case studies as a means of demonstrating and applying the concepts under consideration. JMU students will take AFROTC classes at the University of Virginia for JMU credit.

AIRS 410. National Security Affairs/Preparation for Active Duty. 3 credits.
This course examines the national security process, regional studies, advanced leadership ethics and Air Force doctrine. Topics include the military as a profession, officerhood, military justice, civilian control of the military, preparation for active duty and current issues affecting the military profession. JMU students will take AFROTC classes at the University of Virginia for JMU credit.

AIRS 420. National Security Affairs/Preparation for Active Duty. 3 credits.
This course examines the national security process, regional studies, advanced leadership ethics and Air Force doctrine. Topics include the military as a profession, officerhood, military justice, civilian control of the military, preparation for active duty and current issues affecting the military profession. JMU students will take AFROTC classes at the University of Virginia for JMU credit.

American Studies

Cross Disciplinary Studies

GAMST 200. Introduction to American Studies. 3 credits.
This course will highlight the student’s role in interrogating the cultural and political function of representations of America in literature, history, philosophy, religion, popular culture, music and art. Students will gain an understanding of why definitions of American identity matter and learn about the contemporary debates that inform the discipline of American Studies today. Questions about the changing role of national studies in the face of globalization are central.

AMST 490. Special Studies in American Studies. 3 credits.
Independent study of a topic appropriate to the interdisciplinary method of American studies.
ANTH 300. Anthropology of Diet and Nutrition. 3 credits (B, C).
An evolutionary and cross-cultural perspective on diet and nutrition in human populations. Focus on how and why people choose what to eat, the range and significance of cross-cultural variability in diet, how diets have changed in the evolutionary and recent past, and the health and social significance of those changes. Prerequisite: Any lower-level course in anthropology or permission of the instructor.

ANTH/SOCM 305. Language and Culture. 3 credits (C).
An introduction to linguistic anthropology. Explores the complex relationships between language and culture through topics such as language acquisition and socialization; language, thought, and worldview; language and identity; multilingualism; how and why languages change; literacy, and the politics of language use and language ideologies.

ANTH 312. The Native Americans. 3 credits (A, C).
A study of the nature of Indian societies occupying different environmental areas of North America at the time of earliest historic contact. Indian groups such as Shawnee, Mandan, Nuamnuit, Natchez, Creek, Iroquois and Sioux will be considered.

ANTH/SOCI 312. Processes of Social and Cultural Change. 3 credits (A, C).
Investigates the processes through which a society operates and the manner in which it incorporates and introduces changes. Issues considered include belief, innovation, directed change, coercive change, revitalization and revolution.

ANTH 315. Human Evolution. 3 credits (B).
An overview of the fossil record and other evidence for human evolution. Discusses the emergence of the hominids as a lineage distinct from other apes. Provides evidence for the evolution of bipedalism, tool use, hunting/gathering, major increases in brain size, language, and material culture and the hypotheses that have been developed to explain the emergence of these characteristics. Prerequisites: GANTH 196, or BIO 114 and BIO 124; or permission of the instructor.

ANTH 316. Human Evolutionary Psychology. 3 credits (B).
An exploration of human behavior from an evolutionary perspective. Emphasis is placed on the critical evaluation of adaptive hypotheses purported to explain fundamental human behaviors such as survival and mating strategies, reproduction and parenting, kinship and cooperation, dominance and aggression, cultural evolution, and religion. Prerequisite: GANTH 196 or permission of the instructor.

ANTH 317. Primate Evolutionary Ecolog. 3 credits (B).
This course explores the interface between an organism and its environment, illustrated with examples from the primates. Behaviors related to feeding, moving, grouping and socializing are considered from an evolutionary perspective. Topics to be discussed include feeding ecology, functional anatomy, the ecology of primate social systems, ranging behaviors, community ecology and the role humans play in shaping primate communities. Prerequisite: GANTH 196 or permission of the instructor.

ANTH 318. The Evolution of Primate Sexuality and Reproduction. 3 credits (B).
A survey of non-human primate sexuality from an evolutionary perspective. Emphasis is placed on the diversity of behavioral, anatomical and physiological aspects of mating and reproduction across the order Primates. Where appropriate, comparisons with human sexuality are made. Prerequisite: GANTH 196 or permission of instructor.

ANTH 319. Human Osteology. 3 credits.
An analysis of the individual bones and teeth that comprise the human skeleton. Emphasis is placed on learning individual bones and teeth as well as the numerous osteological and dental landmarks that characterize them. Applied topics such as bone growth and the analysis of age, sex, stature, pathology and geographic ancestry will also be addressed. Prerequisite: GANTH 196 or permission of instructor.

ANTH 322. Human Variation and Adaptation. 3 credits (B).
This course will assess human biology from an evolutionary and anthropological perspective, emphasizing an integrative, holistic understanding. The origin and current distribution of human biological variation will be explored, including geographic, sex and individual variation. Health and disease, growth and development, aging, nutrition and mental health will also be addressed. Prerequisite: GANTH 196 or permission of the instructor.

ANTH 323. Visual Anthropology. 3 credits (C).
This course explores the anthropological use of visual data for the description, analysis, communication and interpretation of human behavior. Topics include biological, cross-cultural and historical understandings of vision; the social life of visual things; visual cultural production and consumption; and visuality after colonialism, globalization, and postmodernity.

ANTH 325. Aztec, Maya and Their Predecessors. 3 credits (A, C).
Survey of the Olmec, Toltec, Teotihuacan, Maya and Aztec civilizations and the factors leading to their development, persistence and decline.

ANTH 327. Ancient North American Civilizations. 3 credits (A).
Studies the emergence of Native American societies prior to historic contact. Emphasizes prehistoric developments in the eastern United States.

ANTH/HIST 331. Historical Archaeology. 3 credits (A).
This course introduces students to the purposes, subject matter, methodology and historical background of the discipline of historical archaeology. Building on research issues and methodologies of anthropological archaeology and history, the multidisciplinary aspects of this field are introduced through field trips, projects, guest lectures, readings and classroom presentations. Prerequisite: ANTH 187 or HIST equivalent.

ANTH 333. Celts, Vikings and Tribal Europe: Art and Culture from 500 to 1190 AD. 3 credits (A).
Building on a heritage of archaeology, art, history, material culture, mythology and literature, the course introduces students to the cultures and traditions of the Celtic, Viking (Norwegian, Danish and Swedish), and Germanic tribal and theocratic cultures that shaped the early civilizations of northern Europe. Britain and Ireland from ca. 500 A.D. to 1190 A.D.

ANTH 340. The Invention of Race. 3 credits (C).
Examines the historical and cultural construction of race in Western thought. Themes include the origins of racial thinking, the slave trade, race and religion, race and science, the ways race is implicated in colonialism and nationalism, and the relation between race and other social qualities, including gender, class, sexuality and ethnicity.

ANTH 350. Magic, Witchcraft and Religion. 3 credits (C).
Anthropological study of religion in society. The influence of religion on the development of social, legal, governmental and economic aspects of culture is emphasized.

ANTH/SOCI 352. Birth, Death, Sex: Exploring Demography. 3 credits (B, C).
Fertility (birth) and mortality (death) and their biological and social determinants in cross-cultural and evolutionary/historical frameworks. Exploration of the dynamic between the material constraints on and symbolic significance of, reproduction, sexuality and death within a cultural context. Critical examination of population growth as a global "problem." Basic demographic methods. Prerequisite: Any lower-level course in anthropology or sociology or permission of the instructor.

ANTH 360. Medical Anthropology. 3 credits (B, C).
This course takes an anthropological approach to the study of health, illness, and healing; how do different cultural systems and social institutions influence the experience and interpretation of different bodily states? Material covers critical analyses of Western medicine and ethnomedicine in both specific cultural settings and their global circulation. Topics include disease epidemics, illness narratives, public health, suffering, pharmaceuticals, disability and healthcare systems. Prerequisite: GANTH 195 or permission of the instructor.

ANTH 364. U.S./Latin American Borders. 3 credits (C).
This course examines the experiences of Latin American migrants to the United States. It stresses the cultural expression of those experiences, globalization and its effects on local communities in Latin America, the U.S. responses to migration and migrants. Prerequisite: One course on Latin America.

ANTH 366. Anthropology of War. 3 credits (A, C).
This course examines the causes, conduct and consequences of warfare in non-state societies using both ethnographic and archaeological data. Case studies drawn from throughout the world are used to examine topics such as the co-evolution of war and society, the impact of colonialism on native warfare, the process of making peace, and claims about the biological "inevitability" of war.

ANTH/SOCI 388. Contemporary American Culture. 3 credits (C).
This course analyzes contemporary American society in relation to popular cultural formations and representations. Cultural expressions found in music, literature, theatre, film, television, cyberspace and sports will be examined with respect to values, sentiments, identity constructions and lived experiences of differentially situated social actors.

ANTH 370. Topics in the Anthropology of Gender. 3 credits (C).
This course examines the many ways in which gender is constructed and negotiated in different historical and social contexts. Topics will vary with the instructor to include both cultural and bicultural perspectives.

ANTH 373. Anthropological Perspectives on Environment and Development. 3 credits (C).
This seminar provides a history of key ideas and figures in environmental
anthropology, as well as examines why this field is, by necessity, interdisciplinary. Within this context, we will use specific case studies to examine ways in which the concepts and theories of "development" and "environment" have been produced, perpetuated, manipulated and challenged in different geographic and politico-economic circumstances. Prerequisite: GANTH 195 or permission of the instructor.

ANTH 375. Theory in Sociocultural Anthropology. 3 credits [C, P, WI]

An examination of the major theoretical traditions in social and cultural anthropology. Important theoreticians and the historical contexts in which their work emerged are discussed. Fulfills the College of Arts and Letters writing-intensive requirement for the major. Prerequisites: GANTH 195 and junior standing.

ANTH 377. Space/Culture/Power. 3 credits (C)

An introduction to social-scientific approaches to space. We will think critically about how people across cultures shape – and are shaped by – the spaces we occupy. Drawing on examples from around the world we examine the intersections of space, culture, and power through such topics as segregation, maps, architecture, prisons, schools, migration politics, and more. The course encourages students to think of space – and its intersections with culture and power – in new and sophisticated ways. Prerequisite: GANTH 195.

ANTH/SCI 390. Topics in Cultural Studies. 3 credits (C)

This course explores contemporary culture through a "cultural studies" lens, an interdisciplinary perspective interested in using empirical knowledge to encourage more just human relations. Specific topics of investigation will vary by semester, but each course will cover cultural studies' intellectual history and its application to cultural expressions found in everyday life, film, music and text.

ANTH 391. Study Abroad. 1-6 credits (A, B, C, F)

Designed to encourage students to enhance their academic programs through studying abroad. Arrangements must be made with a faculty member who will direct the study with preparatory instructions and final requirements. May be repeated up to 12 credits.

ANTH 395. Special Topics in Anthropology. 3 credits (May be A, B or C)

Examination of selected topics which are of current importance to anthropology. May be repeated for credit when course content changes.

ANTH 405. Topics in Linguistic Anthropology. 3 credits (C)

Examines current issues in the anthropology of language. Topics vary by semester, but each course will include hands-on analysis of social interaction and / or investigation of contemporary case studies of language policy, ideologies and use.

ANTH 410. Spatial Analysis for Anthropologists. 4 credits (A, B and C)

The course teaches students how to identify and solve anthropological problems with spatial dimensions. Hands-on experience is stressed in the acquisition, analysis and display of spatial data using Geographic Information Systems software. Topics include the mapping of race and ethnicity, the spatial distribution of cultural variables, and human modification and use of the landscape. Prerequisite: GANTH 195, GANTH 196 or ANT H 197.

ANTH 415. Anthropological Genetics. 3 credits (B)

Surveys the theory and methods of evolutionary genetics as applied to human evolution and human diversity. Emphasizes human evolution as illuminated by genetics, as well as the intersection of human genetics with social issues such as racism, bioethics and eugenics. Prerequisite: GANTH 196.

ANTH 430. Primate Conservation Biology. 3 credits (B)

A discussion-based course that examines the impact of human activities on biodiversity, with an emphasis on the primates. Concepts and theories in conservation biology will be explored and applied to understanding the threats to wild primates and evaluating conservation strategies. Cultural and political perspectives and philosophical and ethical arguments for conserving biodiversity will also be considered. Prerequisite: GANTH 196 or BIO 124 or permission of the instructor.

ANTH 435. Ethnographic Genres and Methods. 4 credits (C,F)

Explores ethnographic methods and conventions of ethnographic writing through close reading, analysis and production of ethnographic texts. Students develop critical skills in assessing ethnographic practice by examining how ethnographies are shaped by authors' fieldwork experiences, intellectual traditions and theoretical perspectives. Students engage in fieldwork and craft their own ethnographic accounts. Prerequisite: ANTH 375.

ANTH/HIST 436. Afro-Latin America. 3 credits (C)

Latin America and the Caribbean were the first and largest parts of the Western Hemisphere to be populated by Africans. Afro-Latin America examines cultural formations Africans brought to these regions. Beginning with an overview of the slave trade, it examines the histories of Africans and African-descent people throughout Latin America, as well as contemporary Afro-Latin American culture(s). Prerequisites: One course in either Latin American or African studies (any discipline), upper-division status or permission of instructor.

ANTH 455. Archaeology: Methods of Analysis and Interpretation. 4 credits (A, F)

A review of the nature of inquiry, recent theory and the means by which archaeologist acquire, analyze, and interpret their data. In addition to practical training in methods of analysis used in contemporary practice, students will gain experience in designing, conducting and reporting archaeological research. Prerequisites: GANTH 195 and ANTH 197.

ANTH 485. Anthropology Course Assistantship. 1-3 credits

Students participate as course assistants in anthropology. Assistantships provide students with a sense of what it is like to teach an anthropology course by allowing them to work closely with faculty members through different phases of course preparation, presentation and evaluation. Assistantships also allow for a deeper understanding of course material by providing opportunities for student assistants to lead discussion and to help their peers review the material outside of the classroom. Prerequisites: Students must have junior /senior standing, must have earned a grade of "B" or better in the course for which he/she will serve as assistant, and may register by faculty invitation only. May be repeated up to six credits, only three credits can count toward the major. A student may only serve as a course assistant to the same course twice.

ANTH 486. Internship in Anthropology. 1-6 credits (May be A, B or C)

Designed to encourage students to enhance their academic programs by employing and refining anthropological skills through internships in public or private agencies. Arrangements must be made with a faculty member who will oversee the internship. Prerequisite: By permission only. May be repeated up to six credits.

ANTH 490. Special Studies in Anthropology. 1-3 credits (May be A, B or C)

Course offers students an opportunity to do independent study under staff supervision. Prerequisite: Admission only by recommendation of the instructor. More than one repeat requires department head approval.

ANTH/HIST 492. American Material Culture. 3 credits (A)

A broad introduction to the multidisciplinary "field" of material culture studies through readings, written assignments, in-class exercises and field trips. The course introduces ways of looking at and learning from objects and examines how scholars from several disciplines have used material culture in their work. Prerequisite: HIST 355. Instructor's permission required to waive HIST 355 prerequisite for non-history majors.

ANTH 494. Field Techniques in Archaeology. 4-8 credits (A, F)

Laboratory course directed at teaching students the basic field techniques and procedures of historic and prehistoric archaeology. Classroom lectures will present techniques and relevant aspects of method and theory.

ANTH/HIST 496. Research Thesis. 3 credits (A)

Students will gather, analyze and interpret archaeological/historical data over two semesters. Students will work on a project that demonstrates theory, research design, data collection and analysis, culminating in a written thesis. The course meets the capstone requirement for the historical archaeology minor but is also available to students in history and anthropology. Prerequisite: Junior or senior standing.

ANTH 499 A,B,C. Honors. 6 credits. Three semesters.

An independent research topic initiated and completed by qualified senior majors who want to graduate with distinction.

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**Arabic**

**Department of Foreign Languages, Literatures and Cultures**

**ARAB 101. Elementary Arabic I.** 3-4 credits

The fundamentals of Arabic through listening, speaking, reading and writing. Practice in pronunciation and development of comprehension. One hour a week in a language laboratory.

**ARAB 102. Elementary Arabic II.** 4 credits.

The fundamentals of modern standard Arabic through listening, speaking, reading and writing. Practice in pronunciation and development of comprehension. One hour’s work a week in the language laboratory. If student has had two or more years of the language in high school he/she will not receive credit for the course. Prerequisite: ARAB 101.

http://www.jmu.edu/catalog/13