

# Anthropology (ANTH)

## Faculty

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Courses in anthropology provide an introduction to world peoples, their ways of living, and world views. Anthropology helps students to better understand human similarities and differences.

The Department of Anthropology offers both a Bachelor of Science and a Bachelor of Arts degree in anthropology.

The Bachelor of Science degree program is geared toward students with specializations in anthropological sciences. It is recommended for students planning to continue their education in basic or applied anthropological sciences in graduate or professional school. A B.S. degree in anthropology is also useful students planning to continue their education toward health or medical related careers.

The Bachelor of Arts degree program allows students to take additional coursework in any of four areas of focused study: archeology, biological anthropology, cartography/remote sensing/GIS, or cultural anthropology.

For the combined major in Anthropology and African and African American Studies, see the African and African American Studies (<http://catalog.uark.edu/undergraduatecatalog/collegesandschools/jwilliamfulbrightcollegeofartsandsciences/africanandafricanamericanstudiesaast>) listing.

For requirements for the M.A. and Ph.D. degrees in anthropology, see the Graduate School Catalog (<http://catalog.uark.edu/graduatecatalog/programsofstudy/anthropologyanth>).

## Bachelor of Science in Anthropology

The department of anthropology offers the Bachelor of Science degree in anthropology. The Bachelor of Science degree program is geared

toward students with focused studies in anthropological sciences. It is recommended for students planning to continue their education in basic or applied anthropological sciences in graduate or professional school. A B.S. degree in anthropology is also useful students planning to continue their education toward health or medical related careers.

### Requirements for a B.S. Degree with a Major in Anthropology:

A minimum of 120 hours is required, including 57 hours specified as designated below.

#### Required Anthropology Core Courses:

ANTH 1013 & ANTH 1011L	Introduction to Biological Anthropology (Sp, Su) and Introduction to Biological Anthropology Laboratory (Fa)	4
ANTH 1023	Introduction to Cultural Anthropology (ACTS Equivalency = ANTH 2013) (Sp, Su, Fa)	3
ANTH 1033	Introduction to Archaeology (Sp, Fa)	3
ANTH 4013	History of Anthropological Thought (Fa)	3
Anthropology Electives:	18 hours selected from courses numbered 3000 or higher	18
Science	A minimum of 20 hours of electives from BIOL, CHEM, GEOL, and/or PHYS	20
Math:	Minimum of 6 hours of math beyond College Algebra (MATH 1203) selected from among the following courses:	
MATH 1213	Plane Trigonometry (ACTS Equivalency = MATH 1203) (Sp, Su, Fa)	3
	or MATH 1284(Precalculus Mathematics (ACTS Equivalency = MATH 1305) (Sp, Su, Fa)	
MATH 2554	Calculus I (ACTS Equivalency = MATH 2405) (Sp, Su, Fa)	4
MATH 2564	Calculus II (ACTS Equivalency = MATH 2505) (Sp, Su, Fa)	4
	or STAT 2303 Principles of Statistics (ACTS Equivalency = MATH 2103) (Sp, Su, Fa)	

The following courses that are strongly recommended for those students pursuing a health or medical-related career:

ANTH 3423 & ANTH 3421L	Human Osteology (Sp) and Human Osteology Laboratory (Sp)	4
BIOL 1603 & BIOL 1601L	Principles of Zoology (ACTS Equivalency = BIOL 1054 Lecture) (Su, Fa) and Principles of Zoology Laboratory (ACTS Equivalency = BIOL 1054 Lab) (Su, Fa)	4
BIOL 2013 & BIOL 2011L	General Microbiology (ACTS Equivalency = BIOL 2004 Lecture) (Sp, Su, Fa) and General Microbiology Laboratory (ACTS Equivalency = BIOL 2004 Lab) (Sp, Su, Fa)	4
BIOL 2213 & BIOL 2211L	Human Physiology (ACTS Equivalency = BIOL 2414 Lecture) (Sp, Fa) and Human Physiology Laboratory (ACTS Equivalency = BIOL 2414 Lab) (Sp, Fa)	4
BIOL 2323 & BIOL 2321L	General Genetics (Sp, Fa) and General Genetics Laboratory (Sp, Fa)	4
BIOL 2443 & BIOL 2441L	Human Anatomy (ACTS Equivalency = BIOL 2404 Lecture) (Sp, Su, Fa) and Human Anatomy Laboratory (ACTS Equivalency = BIOL 2404 Lab) (Sp, Su, Fa)	4
BIOL 3023	Evolutionary Biology (Sp, Fa)	3

BIOL 3404	Comparative Vertebrate Morphology (Sp, Fa)	4
BIOL 4234	Comparative Physiology (Fa)	4
BIOL 4263	Cell Physiology (Fa)	3
BIOL 4713 & BIOL 4711L	Basic Immunology (Sp) and Basic Immunology Laboratory (Sp)	4
CHEM 3603 & CHEM 3601L	Organic Chemistry I (Su, Fa) and Organic Chemistry I Laboratory (Su, Fa)	4
CHEM 3813	Elements of Biochemistry (Sp, Su, Fa)	3

**Writing Requirement:** The Fulbright College research/analytical paper requirement for anthropology majors is fulfilled by completing an intensive writing requirement (15 pages) with a grade of "B" or higher in a successfully completed 4000-level ANTH course and with instructor approval.

## Anthropology B.S. Eight-Semester Degree Program

Students wishing to follow the eight-semester degree plan should see the Eight-Semester Degree Policy (<http://catalog.uark.edu/undergraduatecatalog/academicregulations/eightsemesterdegreecompletionpolicy>) in the Academic Regulations chapter for university requirements of the program. Core requirement hours may vary by individual, based on placement and previous credit granted. Once all core requirements are met, students may substitute a three-hour (or more) general elective in place of a core area.

	Units	
	Fall	Spring
ANTH 1013 Introduction to Biological Anthropology (Sp, Su) & ANTH 1011L Introduction to Biological Anthropology Laboratory (Fa)	4	
ENGL 1013 Composition I (ACTS Equivalency = ENGL 1013) (Sp, Su, Fa)	3	
Select one of the following:	3	
MATH 1203 College Algebra (ACTS Equivalency = MATH 1103) (Sp, Su, Fa)		
MATH 1284C Precalculus Mathematics (ACTS Equivalency = MATH 1305) (Sp, Su, Fa)		
MATH 2554 Calculus I (ACTS Equivalency = MATH 2405) (Sp, Su, Fa)		
ANTH 1023 Introduction to Cultural Anthropology (ACTS Equivalency = ANTH 2013) (Sp, Su, Fa)	3	
University/State Humanities or Fine Arts core requirement	3	
ENGL 1023 Composition II (ACTS Equivalency = ENGL 1023) (Sp, Su, Fa)	3	
MATH 1284C Precalculus Mathematics (ACTS Equivalency = MATH 1305) (Sp, Su, Fa) or MATH 2554 Calculus I <sup>1</sup>	4	
Science university/state core lecture and corequisite lab from BIOL, CHEM, GEOL or PHYS	4	
Select one of the following:	3	
HIST 2003 History of the American People to 1877 (ACTS Equivalency = HIST 2113) (Sp, Su, Fa)		

HIST 2003 History of the American People, 1877 to Present (ACTS Equivalency = HIST 2123) (Sp, Su, Fa)		
PLSC 2003 American National Government (ACTS Equivalency = PLSC 2003) (Sp, Su, Fa)		
University/State Social Science Core Course		3
Year Total:	16	17

	Units	
	Fall	Spring
Select one of the following: <sup>1</sup>	4	
MATH 2554 Calculus I (ACTS Equivalency = MATH 2405) (Sp, Su, Fa)		
MATH 2564 Calculus II (ACTS Equivalency = MATH 2505) (Sp, Su, Fa)		
STAT 2303 Principles of Statistics (ACTS Equivalency = MATH 2103) (Sp, Su, Fa)		
University/State Fine Arts core course		3
Science Elective and accompanying Laboratory from BIOL, CHEM, GEOL or PHYS		4
General Elective		3
ANTH 1033 Introduction to Archaeology (Sp, Fa)		3
Science Elective and accompanying Laboratory from BIOL, CHEM, GEOL or PHYS		3
Science elective and accompanying laboratory from BIOL, CHEM, GEOL or PHYS		3
University/State Social Science core courses		6
Year Total:	14	15

	Units	
	Fall	Spring
ANTH Electives among 3000-4000-level courses <sup>1,2</sup>	6	
3000-4000-level Fulbright College Electives <sup>1,2</sup>	3	
General Electives	6	
ANTH Electives among 3000-4000-level courses <sup>1,2</sup>		9
3000-4000 level General Electives <sup>1</sup>		3
Science Elective and Accompanying Laboratory from BIOL, CHEM, GEOL or PHYS		4
Year Total:	15	16

	Units	
	Fall	Spring
ANTH 4013 History of Anthropological Thought (Fa) <sup>1,2</sup>	3	
3000-4000 level General Electives <sup>1</sup>	3	
3000-4000 level General Electives (or 2000-level Advanced level elective) <sup>1</sup>	9	
ANTH Electives among 3000-4000-level courses <sup>1,2</sup>		3
General Electives		9
Year Total:	15	12

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Total Units in Sequence: 120

<sup>1</sup> Meets 40-hour advanced credit hour requirement. See College Academic Regulations (<http://catalog.uark.edu/undergraduatecatalog/collegesandschools/jwilliamfulbrightcollegeofartsandsocieties>).

<sup>2</sup> Meets 24-hour rule (24 hours of 3000-4000 level courses in Fulbright College), in addition to meeting the 40-hour rule. See College Academic Regulations (<http://catalog.uark.edu/undergraduatecatalog/collegesandschools/jwilliamfulbrightcollegeofartsandsocieties>).

## Bachelor of Arts in Anthropology

### Requirements for a Bachelor of Arts Degree with a Major in Anthropology:

#### 34 Semester Hours including:

ANTH 1013	Introduction to Biological Anthropology (Sp, Su)	3
ANTH 1011L	Introduction to Biological Anthropology Laboratory (Fa)	1
ANTH 1023	Introduction to Cultural Anthropology (ACTS Equivalency = ANTH 2013) (Sp, Su, Fa)	3
ANTH 1033	Introduction to Archaeology (Sp, Fa)	3
ANTH 4013	History of Anthropological Thought (Fa)	3

These 34 hours must also include:

- One course in each ANTH subfield (Cultural, Archeology, Biological) beyond the core (9 hours).
- 3 hours from each of two different geographical areas in ANTH for a total of 6 hours.
- 6 elective credit hours in anthropology. These may be satisfied in concert with an optional focused study as described below.

## Focused Studies

### Focused Study in Archeology:

To complete the focused study, a student is required to fulfill the following course requirements:

ANTH 3023	Approaches to Archeology (Sp)	3
Two of the following method and theory courses or equivalent classes offered under ANTH 3903 and ANTH 4903, approved as having an archeological method and theory focus.		6
ANTH 4093	The Archeology of Death (Irregular)	
ANTH 4353	Laboratory Methods in Archeology (Irregular)	
ANTH 4443	Cultural Resource Management I (Sp)	
ANTH 4603	Landscape Archaeology (Fa)	
ANTH 4633	Archeological Prospecting and Remote Sensing (Irregular)	
ANTH 4813	Ethnographic Approaches to the Past (Irregular)	
Archeological Field Session		6
ANTH 4256	Archeological Field Session (Su)	

### Focused Study in Biological Anthropology:

To complete the focused study, a student is required to fulfill the following course requirements:

Four of the following courses in biological anthropology, including any 3000-4000 special topics or seminar courses offered that are deemed appropriate for training in any of the subdisciplines of biological anthropology (12-13 credits).

ANTH 3423 & ANTH 3421L	Human Osteology (Sp) and Human Osteology Laboratory (Sp)	4
ANTH 3433	Human Evolution (Fa)	3
ANTH 3443	Criminalistics: Forensic Sciences (Irregular)	3
ANTH 3533	Medical Anthropology (Irregular)	3
ANTH 3923H	Honors Colloquium (Irregular)	3
ANTH 4523	Dental Science (Fa)	3
ANTH 4613	Primate Adaptation and Evolution (Sp)	3

## Focused Study in Cartography/Remote Sensing/GIS:

This focused study gives students an opportunity to develop expertise in (1) cartography, map design and computer-assisted map production, (2) remote sensing and image interpretation, including photographic systems, sensor systems, and digital image processing, and (3) geographic information systems, including data sources, analytical techniques, and hardware/software systems.

To complete the focused study, a student is required to fulfill the following course requirements.

#### Required Courses:

GEOS 3023	Introduction to Cartography (Fa)	3
GEOS 4413	Principles of Remote Sensing (Fa)	3
ANTH 3543	Geospatial Applications and Information Science (Sp, Fa)	3
Elective Courses - Select three of the following:		9
GEOS 4523	Cartographic Design and Production (Sp)	
GEOS 5423	Remote Sensing of Natural Resources (Even years, Sp)	
ANTH 4553	Introduction to Raster GIS (Fa)	
ANTH 4563	Vector GIS (Sp)	
ANTH 4593	Introduction to Global Positioning Systems and Global Navigation Satellite Systems (Sp)	
STAT 4003	Statistical Methods (Sp, Fa) (or other approved statistics course)	
CVEG 2053	Surveying Systems (Sp, Fa) (or other approved surveying course)	

## Focused Study in Cultural Anthropology:

To complete the focused study, a student is required to fulfill the following course requirements:

Students must take a world language through the 2013 level		12
Two of the following method and theory courses or equivalent classes offered under ANTH 3903 and ANTH 4903 approved as having a cultural anthropology method and theory focus.		6
ANTH 3123	The Anthropology of Religion (Sp)	
ANTH 3143	Language and Expressive Culture (Irregular)	
ANTH 3163	Male and Female: A Cultural and Biological Overview (Fa)	
ANTH 3533	Medical Anthropology (Irregular)	
ANTH 4033	Popular Culture (Irregular)	
ANTH 4143	Ecological Anthropology (Irregular)	
ANTH 4363	Museums, Material Culture, and Popular Imagination (Fa)	

## ANTH 4813 Ethnographic Approaches to the Past (Irregular)

**Writing Requirement:** The Fulbright College research/analytical paper requirement for anthropology majors is fulfilled by completing an intensive writing requirement (15 pages) with a grade of "B" or higher in a successfully completed 4000-level ANTH course and with instructor approval.

## Anthropology B.A. Eight-Semester Degree Program

Students wishing to follow the eight-semester degree plan should see the Eight-Semester Degree Policy (<http://catalog.uark.edu/undergraduatecatalog/academicregulations/eightsemesterdegreecompletionpolicy>) in the Academic Regulations chapter for university requirements of the program. Core requirement hours may vary by individual, based on placement and previous credit granted. Once all core requirements are met, students may substitute a three-hour (or more) general elective in place of a core area.

First Year	Units	
	Fall	Spring
ANTH 1013 Introduction to Biological Anthropology (Sp, Su) & ANTH 1011L Introduction to Biological Anthropology Laboratory (Fa)	4	
ENGL 1013 Composition I (ACTS Equivalency = ENGL 1013) (Sp, Su, Fa)	3	
MATH 1203 College Algebra (ACTS Equivalency = MATH 1103) (Sp, Su, Fa)	3	
ANTH 1023 Introduction to Cultural Anthropology (ACTS Equivalency = ANTH 2013) (Sp, Su, Fa)	3	
University/state Humanities or Fine Arts core requirement	3	
ENGL 1023 Composition II (ACTS Equivalency = ENGL 1023) (Sp, Su, Fa)		3
University/state Humanities or Fine Arts core requirement		3
Science University/State Core Lecture with corequisite Lab requirement		4
University/State Social Science core requirement		3
Select one University/State Core U.S. History course: HIST 2003 History of the American People to 1877 (ACTS Equivalency = HIST 2113) (Sp, Su, Fa) HIST 2013 History of the American People, 1877 to Present (ACTS Equivalency = HIST 2123) (Sp, Su, Fa) PLSC 2003 American National Government (ACTS Equivalency = PLSC 2003) (Sp, Su, Fa)		3
Year Total:	16	16

Second Year	Units	
	Fall	Spring
ANTH 1033 Introduction to Archaeology (Sp, Fa) University/State Social Science core requirement	3	
ANTH Cultural Anthropology subfield course among 3000-4000 level classes <sup>1,2</sup>	3	

General Electives	6	
ANTH Biological Anthropology subfield course among 3000-4000 level classes <sup>1,2</sup>		3
ANTH Archeology subfield course among 3000-4000 level classes <sup>1,2</sup>		3
ANTH Geographical area course among 3000-4000 level classes <sup>1,2</sup>		3
ANTH Electives among 3000-4000 level classes <sup>1,2</sup>		6
Year Total:	15	15

Third Year	Units	
	Fall	Spring
ANTH Geographical area course among 3000-4000 level classes <sup>1,2</sup>	3	
3000-4000 Level General Electives <sup>1,2</sup> (or 2000-level Advanced Level Electives) <sup>1</sup>	6	
General Electives		6
3000-4000 level General Electives <sup>1</sup>		6
General Electives		10
Year Total:	15	16

Fourth Year	Units	
	Fall	Spring
ANTH 4013 History of Anthropological Thought (Fa) <sup>1,2</sup>	3	
Advanced Level Electives <sup>1</sup>	3	
General Electives		9
Advanced Level Electives (as needed to meet 40 hour rule) <sup>1</sup> or General Electives		3
General Electives		9
Year Total:	15	12

Total Units in Sequence: 120

<sup>1</sup> Meets 40-hour advanced credit hour requirement. See College Academic Regulations (<http://catalog.uark.edu/undergraduatecatalog/collegesandschools/jwilliamfulbrightcollegeofartsandsocieties>).

<sup>2</sup> Meets 24-hour rule (24 hours of 3000-4000 level courses in Fulbright College), in addition to meeting the 40-hour rule. See College Academic Regulations (<http://catalog.uark.edu/undergraduatecatalog/collegesandschools/jwilliamfulbrightcollegeofartsandsocieties>).

## Minor in Anthropology

**Requirements for a Minor in Anthropology:** 15 hours including ANTH 1023. At least 9 hours must be in courses numbered 3000 or above. Students who minor in anthropology should consult with an anthropology adviser to select appropriate courses. A student must notify the department of his or her intent to minor.

**Requirements for Departmental Honors in Anthropology:** The Departmental Honors Program in Anthropology provides an opportunity for outstanding undergraduate majors to conduct independent research under the supervision of a faculty member. The research project culminates in an honors thesis, which is primary for the award "Anthropology Scholar *Cum Laude*." Higher degree distinctions are

recommended only in truly exceptional cases and are based upon the candidate's entire program of honors studies.

Honors candidates must meet the college requirements for an honors degree. They must complete and defend an honors thesis and take 12 hours, which may include 6 hours of thesis, in Honors Studies. The candidate is expected to maintain a minimum 3.5 cumulative grade-point average in anthropology and other course work.

Please refer to the Secondary Education Requirements (<http://catalog.uark.edu/undergraduatecatalog/collegesandschools/jwilliamfulbrightcollegeofartsandsciences/#fieldsofstudytext>) for Fulbright College Students.

Students wishing to pursue licensure through the UAteach undergraduate curriculum should consult with a UAteach adviser, [uteach@uark.edu](mailto:uteach@uark.edu).

## Courses

### **ANTH 1011L. Introduction to Biological Anthropology Laboratory (Fa). 1 Hour.**

Laboratory exercises illustrating concepts of physical anthropology. Corequisite: ANTH 1013.

### **ANTH 1011M. Honors Introduction to Biological Anthropology Laboratory (Fa). 1 Hour.**

Laboratory exercises illustrating concepts of physical anthropology. Corequisite: ANTH 1013.

This course is equivalent to ANTH 1011L.

### **ANTH 1013. Introduction to Biological Anthropology (Sp, Su). 3 Hours.**

An introduction to the field of physical anthropology using human evolution as a unifying concept. Areas include human genetics, race, speciation, primate evolution, and human variation and adaptation. Corequisite: ANTH 1011L.

### **ANTH 1013H. Honors Introduction to Biological Anthropology (Fa). 3 Hours.**

An introduction to the field of physical anthropology using human evolution as a unifying concept. Areas include human genetics, race, speciation, primate evolution, and human variation and adaptation. Corequisite: ANTH 1011M.

This course is equivalent to ANTH 1013.

### **ANTH 1023. Introduction to Cultural Anthropology (ACTS Equivalency = ANTH 2013) (Sp, Su, Fa). 3 Hours.**

Introduction to the nature of culture and its influence on human behavior and personality; comparative study of custom, social organization, and processes of change and integration of culture. Corequisite: Drill component.

### **ANTH 1023H. Honors Introduction to Cultural Anthropology (Sp, Fa). 3 Hours.**

Introduction to the nature of culture and its influence on human behavior and personality; comparative study of custom, social organization, and processes of change and integration of culture.

This course is equivalent to ANTH 1023.

### **ANTH 1033. Introduction to Archaeology (Sp, Fa). 3 Hours.**

Archaeology studies the human past through contextual analysis of artifacts, archaeological sites, and landscapes. This course introduces archaeological methods and theories, significant discoveries and current debates in the discipline. Corequisite: Lab component.

### **ANTH 2013. Introduction to Latin American Studies (Irregular). 3 Hours.**

This course provides an interdisciplinary introduction to Latin America. Drawing on Latin American literature, history, sociology, and political science, the course examines the broad forces that have shaped the region.

This course is cross-listed with LAST 2013.

### **ANTH 3003. World Prehistory (Irregular). 3 Hours.**

Survey of the prehistoric and early historic cultures of the Americas, Asia, and Africa.

### **ANTH 3023. Approaches to Archeology (Sp). 3 Hours.**

Study of the field of archeology including method, theory, analysis and interpretation with substantive worldwide examples. Prerequisite: ANTH 1033.

### **ANTH 3033. Egyptology (Irregular). 3 Hours.**

Explores multiple aspects of Ancient Egyptian civilization including chronology, art, religion, literature and daily life. Prerequisite: Junior standing.

### **ANTH 3043. Bones, Bodies, and Brains in Evolutionary Perspective (Irregular). 3 Hours.**

This course will review the anatomy of the human body, comparing this anatomy with primates, mammals, and vertebrates, and it will consider how the major features of the human body emerged throughout evolution.

### **ANTH 3123. The Anthropology of Religion (Sp). 3 Hours.**

An exploration of rituals, symbols, and rules that shape religious life. Religion is viewed broadly, considering activities that invoke powers beyond the reach of ordinary senses. Examining a variety of cultures, we explore what people say and do as they participate in activities such as magic, healing, pilgrimage, and contemporary religious movements.

### **ANTH 3143. Language and Expressive Culture (Irregular). 3 Hours.**

This course explores the complex interrelationship of language, culture, and social identity. Verbal art and expressive culture are examined from a variety of anthropological perspectives. Topics include ethnographies of speaking, discourse analysis, cultural performances, and the performative aspects of oral expression. This course is cross-listed with ENGL 3143, COMM 3143.

### **ANTH 3163. Male and Female: A Cultural and Biological Overview (Fa). 3 Hours.**

A comparative study of male and female roles in culture in relation to human biology and socialization.

### **ANTH 3173. Introduction to Linguistics (Irregular). 3 Hours.**

Introduction to language study with stress upon modern linguistic theory and analysis. Data drawn from various languages reveal linguistic universals as well as phonological, syntactic, and semantic systems of individual languages. Related topics: language history, dialectology, language and its relation to culture and society, the history of linguistic scholarship. Prerequisite: Junior standing. This course is cross-listed with COMM 3173, ENGL 3173, WLLC 3173.

### **ANTH 3213. Indigenous Peoples of North America: Anthropological Perspectives (Irregular). 3 Hours.**

An exploration of indigenous societies and cultures of North America from an anthropological perspective. Using examples from diverse Native Nations from the time of European contact to the present, we will examine colonialism and resistance, indigenous cosmologies, memory culture and oral tradition, and the politics of representation.

### **ANTH 3263. Indians of Arkansas and the South (Odd years, Sp). 3 Hours.**

Study of the traditional lifeways and prehistoric backgrounds of Indians living in the Southern United States, including Arkansas.

### **ANTH 3421L. Human Osteology Laboratory (Sp). 1 Hour.**

Laboratory exercises illustrating concepts of human osteology. Corequisite: ANTH 3423.

### **ANTH 3423. Human Osteology (Sp). 3 Hours.**

Study of the human skeleton, identification of bones, allometric growth, sexual dimorphism, osteological genetic inheritance and environmental stresses. Lectures and demonstration. Corequisite: ANTH 3421L.

### **ANTH 3433. Human Evolution (Fa). 3 Hours.**

A study of hominid evolution from origin to the present, including trends in comparative primate evolution and functional development of human form as a result of cultural and biological interaction.

**ANTH 3443. Criminalistics: Forensic Sciences (Irregular). 3 Hours.**

Introduction to forensics focused on the scientific analysis of physical and biological evidence encountered in criminal investigations. Chemical, microscopic, biological, and observational techniques employed in the analysis of material evidence are described, discussed, and illustrated within an investigative framework. Topics include inorganic remains, fiber, tissue, human identification, fingerprints, tools, and weapons.

**ANTH 3473. North American Prehistory (Irregular). 3 Hours.**

Survey of the aboriginal prehistory of the North American Continent north of Mexico.

**ANTH 3503. Power and Popular Protest in Latin America (Irregular). 3 Hours.**

This course focuses on the historical formation of Latin America by examining conflicts between the region's rich and poor. It includes both an historical perspective on the formation of ethnic, gender, and class relations in Latin America, and a discussion of contemporary social problems.

**ANTH 3523. Gender and Politics in Latin America (Irregular). 3 Hours.**

This course examines the ways in which political struggles surrounding land, labor, and the environment have been shaped by gender relations in Latin America. Why and how do peasant-workers engage their political worlds and how are such struggles shaped by gender?.

**ANTH 3533. Medical Anthropology (Irregular). 3 Hours.**

Survey of the interrelationship of human biology, culture and environment as reflected in disease experience from an evolutionary and cross cultural perspective. Special emphasis on stress.

**ANTH 3543. Geospatial Applications and Information Science (Sp, Fa). 3 Hours.**

An introduction to the methods and theory underlying the full range of geographic information science and collateral areas - including GNSS, remote sensing, cadastral, spatial demographics and others.

This course is cross-listed with GEOS 3543.

**ANTH 3553. Religion in Latin America (Irregular). 3 Hours.**

Examines contemporary implications of Latin America's unique religious heritage. An exploration of multiple Latin American religious traditions, with sustained focus on key theoretical concerns: conversion, vernacular vs. orthodox expressions, the blending of indigenous and European cosmologies, devotion and ritual, and the articulation of ethnic, gendered, and religious identities.

**ANTH 3563. Culture and Medicine (Irregular). 3 Hours.**

Study of health and medicine within cultural contexts, including attention to cross-cultural healers and healing systems. Special emphasis on biomedicine as a cultural system.

**ANTH 3573. Ballroom Culture and Performance in the West (Irregular). 3 Hours.**

This course focuses on competitive ballroom dancing in the West, highlighting issues of spectacle, sport, art, festival, ritual, dress, performance, identity, and gender construction.

**ANTH 3583. Body and Identity (Irregular). 3 Hours.**

This course explores personal, social and cultural constructions and performances of the body and identity, highlighting key intersections of embodiment including gender, race, sexuality and abilities.

This course is cross-listed with GNST 3583.

**ANTH 3903. Topics in Anthropology (Irregular). 3 Hours.**

Covers a special topic or issue. May be repeated for up to 12 hours of degree credit.

**ANTH 3923H. Honors Colloquium (Irregular). 3 Hours.**

Covers a special topic or issue, offered as part of the honors program. Prerequisite: honors candidacy (not restricted to candidacy in anthropology). May be repeated for degree credit.

**ANTH 399VH. Honors Thesis (Sp, Su, Fa). 1-6 Hour.**

Prerequisite: Junior standing. May be repeated for up to 12 hours of degree credit.

**ANTH 4013. History of Anthropological Thought (Fa). 3 Hours.**

Detailed consideration of anthropological theory through study of its historical development. The research paper in this course fulfills the Fulbright College research paper requirement for anthropology majors.

**ANTH 4033. Popular Culture (Irregular). 3 Hours.**

Study of national and international varieties of popular culture, including music, dance, fashion, and the media. Emphasis will be given to both ethnographic approaches, which focus on the investigation of production and consumption of cultural forms and to cultural studies approaches, which see culture as a terrain of struggle.

**ANTH 4063. Women in Africa (Irregular). 3 Hours.**

Diversity of women's life experiences throughout sub-Saharan Africa will be examined. The class will investigate a range of topics, from marriage and motherhood to prostitution and popular culture. A historical dimension will be present throughout the course, and perspectives from literature and film will also be incorporated.

This course is cross-listed with AAST 4063.

**ANTH 4073. African Sociolinguistics (Irregular). 3 Hours.**

Explores how language use intersects, constructs, and reflects social life in Africa. Covers key topics in sociolinguistics as they apply to current sociolinguistic issues on the African continent today.

This course is cross-listed with AAST 4073, WLLC 4073.

**ANTH 4083. African Popular Culture (Irregular). 3 Hours.**

This class explores popular cultural expression across Africa. Topics range from hip hop and film, to second-hand clothing fashions and the media. We will consider how popular culture, while often inspired by global trends, is rooted in local circumstances and often reflects attempts to grapple with important issues.

This course is cross-listed with AAST 4083.

**ANTH 4093. The Archeology of Death (Irregular). 3 Hours.**

Study of the analysis and interpretation of archeological mortuary remains and sites. Key archeological and anthropological sources that have influenced major theoretical developments are reviewed.

**ANTH 4123. Ancient Middle East (Irregular). 3 Hours.**

The archeology of the ancient Middle East with emphasis upon the interaction of ecology, technology and social structure as it pertains to domestication and urbanization.

**ANTH 4133. Settlement Archaeology (Irregular). 3 Hours.**

Focuses on the historical development of settlement archeology, the methods of site survey and discovery within regions, ecological and social theories that underlie patterns of human land use and distribution, methods of site location analysis, and descriptive and predictive site location modeling. Prerequisite: ANTH 3023.

**ANTH 4143. Ecological Anthropology (Irregular). 3 Hours.**

Anthropological perspectives on the study of relationships among human populations and their ecosystems.

**ANTH 4243. Archeology of the Midsouth (Irregular). 3 Hours.**

Survey of prehistoric and protohistoric cultures of the lower Mississippi Valley and adjacent regions. Prerequisite: Junior standing.

**ANTH 4256. Archeological Field Session (Su). 6 Hours.**

Practical field and laboratory experiences in archeological research. May be repeated for up to 12 hours of degree credit.

**ANTH 4263. Identity and Culture in the U.S.-Mexico Borderlands (Irregular). 3 Hours.**

An exploration of the interplay between Latino/a, Mexican, Anglo, and Native American identities and cultures along the U.S.-Mexico border. Course examines identity formation, hybridity, social tension, marginalization, race and gender, from an anthropological perspective, paying special attention to the border as theoretical construct as well as material reality.

**ANTH 4273. Photography for Fieldwork (Irregular). 3 Hours.**

This class explores the use of photographic images as both data and representational tools in anthropological research, emphasizing the ethical, theoretical, and methodological issues involved.

**ANTH 4283. Survey in Ethnographic Film (Irregular). 3 Hours.**

Survey of the development and evolution of ethnographic film, based on class screenings to build familiarity, vocabulary, and literacy with this branch of visual anthropology.

**ANTH 4353. Laboratory Methods in Archeology (Irregular). 3 Hours.**

Theory and practice of describing, analyzing, and reporting upon archeological materials.

**ANTH 4363. Museums, Material Culture, and Popular Imagination (Fa). 3 Hours.**

Museums as ideological sites and thus as sites of potential contestation produce cultural and moral systems that legitimate existing social orders. This course will focus on strategies of representation and the continuous process of negotiating social and cultural hierarchies with and through objects that are displayed.

**ANTH 4443. Cultural Resource Management I (Sp). 3 Hours.**

Concentrated discussion of management problems relative to cultural resources, including review and interpretation of relevant federal legislation, research vs. planning needs, public involvement and sponsor planning, and assessment of resources relative to scientific needs. No field training involved; discussion will deal only with administrative, legal and scientific management problems. May be repeated for degree credit.

**ANTH 448V. Individual Study of Anthropology (Sp, Su, Fa). 1-6 Hour.**

Reading course for advanced students with special interests in anthropology. May be repeated for up to 6 hours of degree credit.

**ANTH 4513. African Religions: Gods, Witches, Ancestors (Irregular). 3 Hours.**

An exploration of African religions from a variety of anthropological perspectives, exploring how religious experience is perceived and interpreted by adherents, highlighting the way in which individual and group identities are constructed, maintained and contested within religious contexts. Readings reflect the vast diversity of religious life in Africa.

**ANTH 4523. Dental Science (Fa). 3 Hours.**

Introduction to the study of the human dentition including its anatomy, morphology, growth and development, and histology.

**ANTH 4533. Middle East Cultures (Sp). 3 Hours.**

Study of the peoples and cultures of the Middle East; ecology, ethnicity, economics, social organizations, gender, politics, religion, and patterns of social change. May be repeated for up to 9 hours of degree credit.

**ANTH 4553. Introduction to Raster GIS (Fa). 3 Hours.**

Theory, data structures, algorithms, and techniques behind raster-based geographical information systems. Through laboratory exercises and lectures multidisciplinary applications are examined in database creation, remotely sensed data handling, elevation models, and resource models using boolean, map algebra, and other methods.

This course is cross-listed with GEOS 4553.

**ANTH 4563. Vector GIS (Sp). 3 Hours.**

Introduction to geographic information systems (GIS) applications in marketing, transportation, real estate, demographics, urban and regional planning, and related areas. Lectures focus on development of principles, paralleled by workstation-based laboratory exercises using mainstream GIS software and relational databases.

Prerequisite: GEOS 3023 or GEOS 3543.

This course is cross-listed with GEOS 4583.

**ANTH 4583. Peoples and Cultures of Sub-Saharan Africa (Fa). 3 Hours.**

An exploration of the people and places of Africa from a variety of anthropological perspectives. Classic and contemporary works will be studied in order to underscore the unity and diversity of African cultures, as well as the importance African societies have played in helping us understand culture/society throughout the world.

This course is cross-listed with AAST 4583.

**ANTH 4593. Introduction to Global Positioning Systems and Global Navigation Satellite Systems (Sp). 3 Hours.**

Introduction to navigation, georeferencing, and digital data collection using GPS and GNSS receivers, data loggers, and laser technology. Components of NavStar GLONASS, Beidou and other global positioning system are used in integration of digital information into various GIS platforms with emphasis on practical applications.

Prerequisite: GEOS 3543 or ANTH 3543.

This course is cross-listed with GEOS 4593.

**ANTH 4603. Landscape Archaeology (Fa). 3 Hours.**

This course provides an introduction to the methods and theories of landscape archaeology. Topics include archaeological survey techniques, environmental and social processes recorded in the archaeological landscape, and analysis of ancient settlement and land use data to reveal changes in population, resource utilization, and environmental relationships.

**ANTH 4613. Primate Adaptation and Evolution (Sp). 3 Hours.**

Introduction to the biology of the order of Primates. This course considers the comparative anatomy, behavioral ecology and paleontology of our nearest living relatives. Prerequisite: ANTH 1013 (or BIOL 1543 and BIOL 1541L).

This course is cross-listed with BIOL 4613.

**ANTH 4633. Archeological Prospecting and Remote Sensing (Irregular). 3 Hours.**

Ground-based geophysical, aerial, and other remote sensing methods are examined for detecting, mapping, and understanding archeological and other deposits. These methods include magnetometry, resistivity, conductivity, radar, aerial photography, thermography, and multispectral scanning. Requires computer skills, field trips, and use of instruments.

**ANTH 4653. GIS Analysis and Modeling (Sp). 3 Hours.**

Unlike conventional GIS courses that focus on studying "where", this course will teach students to address beyond "where" using various GIS analysis and modeling techniques to explore "why" and "how". The course will provide theoretical and methodological reviews of the principles of cartographic modeling and multi-criteria decision-making.

This course is cross-listed with GEOS 4653.

**ANTH 4703. Mammalian Evolution and Osteology (Irregular). 3 Hours.**

This course will focus on describing the evolutionary history of mammals, a group of vertebrates that include over 5,000 species in 29 orders, and will provide an overview of living species and their identifying features. Prerequisite: ANTH 1013 and ANTH 1011L, BIOL 1543 and BIOL 1541L, or instructor consent.

**ANTH 4803. Historical Archeology (Irregular). 3 Hours.**

Review of the development of historical archeology and discussion of contemporary theory, methods, and substantive issues. Lab sessions on historic artifact identification and analysis.

**ANTH 4813. Ethnographic Approaches to the Past (Irregular). 3 Hours.**

Review of the uses of ethnographic data in the reconstruction and interpretation of past cultures and cultural processes, with particular emphasis on the relationships between modern theories of culture and archeological interpretation.

**ANTH 482V. Applied Visual Research (Irregular). 1-6 Hour.**

This class provides hands-on skill and training conducting visually informed fieldwork designed to help represent unique cultural settings, experience, and heritage. Pre- or Corequisite: ANTH 4273 or ANTH 4283.

**ANTH 4863. Quantitative Anthropology (Irregular). 3 Hours.**

Introductory statistics course for anthropology students examines probability theory, nature of anthropological data, data graphics, descriptive statistics, probability distributions, test for means and variances, categorical and rank methods, ANOVA, correlation and regression. Lectures focus on theory methods; utilize anthropological data and a statistical software laboratory.

This course is cross-listed with GEOS 4863.

**ANTH 4903. Seminar in Anthropology (Irregular). 3 Hours.**

Research, discussion, and projects focusing on a variety of topics. May be repeated for up to 12 hours of degree credit.

**ANTH 4913. Topics of the Middle East (Irregular). 3 Hours.**

Covers a special topic or issue. May be repeated for up to 9 hours of degree credit.