Revised 10/20/05 and containing changes/additions not reflected in the printed ASU Bulletin for Spring 2006.
Guide to Anthropology Courses

Anthropology spans parts of the humanities, social sciences, and natural sciences. It has direct applications to problems in such areas as management, international development, health care delivery, or social services, and it provides excellent background for training in law, urban planning, nursing, medicine, business, and other professions. A "C" minimum is required for ALL courses taken for an Anthropology Major. Anthropology programs at ASU reflect the full range of this diversity. The courses are usually classified in four broad categories that represent the traditional divisions of the field:

A. Social and Cultural Anthropology is concerned with the total range of human cultural diversity. Its goal is to understand the enormous diversity of human culture — to understand why and how different ways of life have arisen. Course offerings are of three kinds:
   1. The Introduction to Cultural/Social Anthropology is suitable for those who wish to explore the field for its inherent interest or for those who wish to acquire background for more advanced courses.
   2. Topical courses examine either theoretical and methodical issues or specific kinds of institutions, as in "Political Anthropology," "Comparative Religion," or "Primitive Art."
   3. Area courses examine the peoples and cultures of specific areas of the world — e.g., Middle America, Southeast Asia, North America.

B. Archaeology is the study of the human past. Its objective is to understand the development of culture over very long periods of time. Many archaeologists are interested in understanding the origins of great civilizations; others study the prehistory of specific areas such as the Southwest or Middle East. Some study the evolution of political systems, economic systems, and other human institutions. Some archaeology is related to studies of human origins. There are four kinds of archaeology courses at ASU:
   1. Like the introduction to sociocultural anthropology, the introduction to archaeology is suitable for those who want to explore or acquire background for more advanced courses. There is an Old World ASB 222 and a New World version, ASB 223.
   2. Many archaeology courses are concerned with the special methods used to recover information about the distant past — the methods of excavation, of data analysis, and of laboratory research with archaeological materials.
   3. Some courses address topics such as the origin of the state and of domestication economies, the ecological adaptations of prehistoric peoples, and their social organizations.
   4. Prehistory courses examine the prehistory of specific areas — e.g., North America, the Old World, Middle America, or the Southwest.

C. Linguistics courses examine not specific languages, but rather the nature of language and its role in human culture. Three kinds of linguistics courses are offered in the Anthropology Department:
   1. The general introduction examines the nature of sound systems of natural languages, of syntactic and semantic systems, and of the relationship of language to other elements of culture and social organization.
   2. Courses in Language and Culture and in Sociolinguistics examine the relationship between language and other elements of culture and social organization.
   3. A series of more technical courses gives detailed studies of sound systems, syntax, and other aspects of natural languages.

D. Physical (or Biological) Anthropology is the study of human origins and, more generally, of human genetic variation and its relation to culture. Central to physical anthropology is the study of human evolution and the biological dimensions of human unity and diversity. Physical anthropology courses can be divided into three broad categories:
1. The basic introductory course (ASM 104) provides background for more advanced physical anthropology courses, as well as providing an overview of research on human origins and human biological variation.

2. Courses on human origins overlap with other courses in archaeology and physical anthropology. A general introduction to this topic is offered; ASM 104 is a prerequisite. Fossil Hominids, Comparative Primate Anatomy, Primate Behavior, and other courses examine different dimensions of human origins.

3. A broad, nontechnical introduction to human biological variations is offered under the title, "Biology of Race." Studies of human genetics are usually central to this topic and an introductory course with more technical genetics is also given under the title, "Human Biological Variation." The social and moral implications of these topics are examined in another course. Courses on disease and human evolution, osteology, and dentition cover other aspects of human variation.

E. Museum Studies courses prepare students for careers in museums. The School offers a formal program only at the graduate level, but undergraduate museum courses are offered regularly.

F. Bridge Courses. Each CLAS student in the 2001-2002 and beyond catalogs is required to complete one CLAS Bridge course of at least three semester hours. Bridge courses contain substantial content that bridges at least two of the areas of inquiry within the CLAS Graduation Requirements (Humanities, Social and Behavioral Sciences, and Natural Sciences and Mathematics). Bridge courses cannot be double counted to fill other requirements for the university or college.

**Highlights of Spring 2006 Offerings**

A. Courses not regularly offered (in addition to all Special Topics and Seminar courses)
   - ASM 320 Indians of Arizona
   - ASM 325 Peoples of S.E. Asia
   - ASM 462 Medical Anthropology/Culture and Health
   - ASM 246 Human Origins
   - ASM 344 Fossil Hominids
   - ASM 452 Dental Anthropology Lab

B. Any ASB courses are recommended for meeting Liberal Arts Social and Behavioral Science requirements.

C. Any ASM courses are recommended for meeting Liberal Arts Natural Science and Mathematics requirements (excluding Anthropology majors).

D. Evening Courses
   - ASB 102 Introduction to Cultural/Social Anthropology
   - ASB 202 Ethnic Relations in the U.S.
   - ASB 211 Women in Other Cultures
   - ASB 321 Indians of the Southwest
   - ASB 394 ST: Anthropology of Cyberspace
   - ASB 494 ST: Andean Archaeology
   - ASB 501 Applied Medical Anthropology
   - ASB 531 Anthropology of Development
   - ASB 591 Archaeometry III
   - ASB 591 S: Andean Archaeology
   - ASB 591 S: Nature in Culture

E. Museum Studies and Related Courses
   - ASB 572 Museum Collections Management
   - ASB 591 S: Material Culture

F. Graduate Level Courses (In addition to Omnibus courses)
   - ASB 501 Applied Medical Anthropology
   - ASB 531 Anthropology of Development
   - ASB 541 Method & Theory of Social and Cultural Anthropology
   - ASB 572 Museum Collection Management
   - ASB 591 S: Archaeometry III
   - ASB 591 S: Computer Simulation/Social Sciences
   - ASB 591 S: Andean Archaeology
### Course Offerings

Courses described here may be suspended, deleted, moved or changed in any manner at the discretion of the University. Consult the School of Human Evolution & Social Change Office, Anthropology 233, for changes which may occur after printing of this booklet.

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### Special Topics Courses

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### Internet Course

None offered this semester

### Freshman Seminars

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<td>ASB 191 FYS</td>
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ASB 102  Introduction to Cultural/Social Anthropology

Staff
MWF 8:40 - 9:30 a.m.
PS H153

OR
Instructor Michael Reinschmidt
MWF 9:40 - 10:30 a.m.
PS H153

OR
Staff
MWF 12:40 - 1:30 p.m.
PS H153

OR
Asst. Prof. Gwyn Isaac
T 6:40 - 9:30 p.m.
PS H135

OR
Prof. James Eder
TTh 9:15 - 10:30 a.m.
PS H150

OR
Honors Section
Prof. James Eder
TTh 9:15 - 10:30 a.m.
PS H150

AND T 1:40 - 2:30 p.m. LL240

OR
Staff
TTh 10:40 - 11:55 a.m.
PS F166

COURSE CONTENT:
Principles of cultural and social anthropology, with illustrative materials from a variety of cultures. The nature of culture; social, political, and economic systems; religion, aesthetics, and language; development and change in an evolutionary framework. (G, SB)

COURSE FORMAT:
Lectures, discussions, films, exams.

INSTRUCTORS’ INTERESTS AND BACKGROUND:
Eder--The instructor is a social anthropologist (Ph.D., University of California, Santa Barbara) whose research interests concern subsistence adaptations, social inequality, and natural resource management. He is particularly interested in the Philippines, where he once taught high school and has spent six years conducting anthropological field work.

Isaac--Ph.D., Oxford University, England. Dissertation based on an ethnographic study of the establishment of a tribal museum at the Pueblo of Zuni. Isaac’s research has centered on the representation of knowledge, visual anthropology, and material culture.

Reinschmidt--He is a cultural anthropologist with a wide array of research and teaching interests. Has worked with a small Algonquian group (the Sauk) in Oklahoma for several years during his dissertation project and later with the Tarahumara of Chihuahua. Overarching theoretical interests are informed by issues of identity and representation from the perspectives of museum studies. He has worked in both applied and academic positions.

Welsh--Ph.D., University of Pennsylvania. Dr. Welsh is director of the Rock Art Museum for the department. Sociocultural anthropology, ethnohistory, museology; Native Americans: Great Plains and Southwest.

ASB 191  FYS: Applying Anthropology

Assoc. Prof. Michael Winkelman
T 4 - 5 p.m.
LL 241

COURSE CONTENT:
This course will examine the applications of anthropology through the work of local anthropologists.

COURSE FORMAT:
Freshman Seminar.

INSTRUCTORS’ INTERESTS AND BACKGROUND:
Ph.D., School of Social Sciences, University of California-Irvine; Masters in Public Health, University of Arizona. Psychological and medical anthropology, shamanism, applied anthropology, cross-cultural relations.
ASB 202  Ethnic Relations in the U.S.
Instructor Mary Slade
TTh 12:15 - 1:30 p.m.
ANTH 340
OR
Fac. Assoc. Catherine Ribic
M 6:40 - 9:30 p.m.
PS H135

COURSE CONTENT:
This course will cover: 1) interethnic relations in the United States; 2) the history and culture of the major ethnic groups in the U.S.; and 3) a sociocultural analysis of contemporary U.S. interethnic relations. Fulfills historical awareness and cultural diversity requirements. (SB, C, H)

COURSE FORMAT:
The class will include lecture, discussion, student activities, and films. The class will be evaluated primarily on the basis of three exams, short reading assignments, and perhaps several short papers.

INSTRUCTORS' INTERESTS AND BACKGROUNDS:
Slade--Ph.D. University of British Columbia. Gender, ethnicity & identity. Indigenous art, shamanic practices (Northwest Coast).

Ribic--Ph.D. Arizona State University. Ethnicity (ethnic relations in the U.S., ethnic relations in the Balkans), gender, and religion. Eastern Europe, the Balkans, Macedonia.

ASB 211  Women in Other Cultures
Instructor Mary Slade
Th 6:40 - 9:30 pm
ANTH 340

COURSE CONTENT:
This course examines women's lives, activities, and status in cross-cultural perspective. Examines contemporary theories on human origins, the development of culture, sex roles, and gender identity. Provides a broad overview on issues of dominance, power, symbolism, inequality, stratification, and development. Covers American Indian women and women in Latin America, Asia and Africa. (G, HU, SB)

ASB 222  Buried Cities & Lost Tribes: Our Human Heritage
Prof. Steven Falconer
TTh 10:40 - 11:55 a.m
MUR 101

COURSE CONTENT:
This course is an introduction to archaeology through a dozen of the greatest discoveries and the researchers who conducted the work. Emphasis will be on the methods of archaeological fieldwork and what these discoveries have revealed about world prehistory. Subjects covered will include Pompeii, Troy, Crete, cities and civilizations, the origin of agriculture, Mesopotamia, Egypt, and the Holy Land. (HU, SB, G, H)

COURSE FORMAT:
There are no prerequisites. The course is intended for majors and non-majors alike and is not redundant with ASB 223. Lecture, videos, three exams.

INSTRUCTOR'S INTERESTS AND BACKGROUND:

ASB 240  Introduction to Southeast Asia
Staff
TTh 9:15 - 10:30 a.m.
LL2

COURSE CONTENT:
This interdisciplinary course introduces students to the peoples, cultures, and history of Southeast Asia as well as the political and economic systems and its religious traditions. Societies to be
addressed are those today subsumed within the nation states and territories of Vietnam, Laos, Cambodia, Thailand, Burma (Myanmar), Malaysia, Singapore, Brunei, Indonesia, East Timor, and the Philippines.

HU, SB, G, Bridge Course

COURSE FORMAT:
Lecture and discussion.

INSTRUCTOR'S INTERESTS AND BACKGROUND:
T.B.A.

ASB 311 Principles of Social Anthropology

Prof. John F. Martin
MW 1:40 - 2:55 p.m.
NUR 15

COURSE CONTENT:
Comparative analysis of domestic groups and economic and political organizations in tribal and peasant societies. (SB)

COURSE FORMAT:
Lecture and discussion. Films. Three short papers.

INSTRUCTOR'S INTERESTS AND BACKGROUND:
Ph.D., University of Chicago. Demography and social organization, social and economic change, American Indians.

ASB 319 The North American Indian

Instructor Mary Slade
TTh 10:40 - 11:55 a.m.
COWDN 215

OR
Instructor Michael Reinschmidt
MWF 8:40 - 9:30 a.m.
ANTH 340

COURSE CONTENT:
Archaeology, ethnology, and linguistic relationship of the Indians of North America. Does not include Middle America.

COURSE FORMAT:
Lecture, discussion.

INSTRUCTOR'S INTERESTS AND BACKGROUND:
Slade--Ph.D. University of British Columbia. Gender, ethnicity & identity. Indigenous art, shamanic practices (Northwest Coast).

Reinschmidt--He is a cultural anthropologist with a wide array of research and teaching interests. Has worked with a small Algonquian group (the Sauk) in Oklahoma for several years during his dissertation project and later with the Tarahumaras of Chihuahua. Overarching theoretical interests are informed by issues of identity and representation from the perspectives of museum studies. He has worked in both applied and academic positions.

ASB 320 Indians of Arizona

Instructor Michael Reinschmidt
MWF 11:40 - 12:30 p.m.

ANTH 340

COURSE CONTENT:
The traditional cultures and the development and nature of contemporary political, economic, and educational conditions among Arizona Indians.

COURSE FORMAT:
Lecture, discussion, research paper, exams.

INSTRUCTOR'S INTERESTS AND BACKGROUND:
He is a cultural anthropologist with a wide array of research and teaching interests. Has worked with a small Algonquian group (the Sauk) in Oklahoma for several years during his dissertation project and later with the Tarahumaras of Chihuahua. Overarching theoretical interests are informed by issues of identity and representation from the perspectives of museum studies. He has worked in both applied and academic positions.

ASB 321 Indians of the Southwest

Prof. John Martin
MW 4:40 - 5:55 p.m.
SS 304

OR
Instructor Michael Reinschmidt
MWF 11:40 - 12:30 p.m.
SS 304

COURSE CONTENT:
A survey of the family life, economics, political organizations, and religions of Southwestern Indians from the time of contact to the present day. Special attention is paid to the development of the reservations and reservation life today.
(Prerequisite: ASB 102 or instructor approval) (SB, H, C, L2)

COURSE FORMAT:
Lecture, discussion, research paper, exams.

INSTRUCTOR’S INTERESTS AND BACKGROUND:
Martin--Ph.D., University of Chicago. Demography and social organization, social and economic change, American Indians.

Reinschmidt--He is a cultural anthropologist with a wide array of research and teaching interests. Has worked with a small Algonquian group (the Sauk) in Oklahoma for several years during his dissertation project and later with the Tarahumaras of Chihuahua. Overarching theoretical interests are informed by issues of identity and representation from the perspectives of museum studies. He has worked in both applied and academic positions.

ASB 322 Peoples of Mesoamerica
Prof. John Chance
TTh 12:15 - 1:30 p.m.
ANTH 265

COURSE CONTENT:
This course surveys the cultures of the historic and contemporary indigenous peoples of Mesoamerica. With an emphasis on southern Mexico and highland Guatemala, we will focus on the nature of Indian societies at the time of the European invasion in the 16th century, the experience and legacy of Spanish colonialism, and contemporary ethnographic issues. Among other topics, we will examine the nature of the Aztec empire; the Spanish conquest in the Maya region; political, economic, and religious aspects of modern indigenous communities; and the significance of contemporary ethnic movements and transnational migration. (SB, G)

COURSE FORMAT:
Lecture-discussion, videos, three exams

INSTRUCTOR’S INTERESTS AND BACKGROUND:
Ph.D., University of Illinois. Social and cultural anthropology, ethnohistory, political economy, social inequality, Mesoamerica. Fieldwork in the Oaxaca and Puebla regions of southern Mexico.

ASB 325 Peoples of Southeast Asia
Assoc. Prof. Leif Jonsson
MW 3:40 - 4:55 p.m.
ANTH 340

COURSE CONTENT:
Introductory overview of culture and social life in Southeast Asia, combining history with various aspects of modern life in cities and the countryside. (G)

COURSE FORMAT:
Lecture/discussion/films. Exams, paper.

INSTRUCTOR’S INTERESTS AND BACKGROUND:
Ph.D., Cornell University. Social and cultural anthropology, cultural/social change, sports, religion/rituals, ideas about nature, state-minority relationships, Southeast Asia. Fieldwork in Thailand, Cambodia, and Vietnam.

ASB 326 Human Environmental Impact
Prof. Sander van der Leeuw
MW 3:15 - 4:30 p.m.
NUR 110

COURSE CONTENT:
This course reviews archaeological evidence on how humans have affected their surroundings from early prehistoric times until 300 years before the present. A global perspective will be taken with examples drawn from diverse regions. The archaeological record will be reviewed for early evidence of animal extinctions, deforestation, and soil degradation. The special relationships that have developed based on the introduction of agriculture and the growth of early complex societies are also examined. Examples of successful human adaptations will be presented as well as evidence of negative impacts. (SB, H, Bridge Course)

COURSE FORMAT:
Course format will be lectures illustrated with slides and class discussion of key points. There will be two exams and two short papers. There are no prerequisites for the course, but it is assumed that students have (or are willing to do the extra reading to acquire) a basic knowledge of the operation of archaeology and of world prehistory.
INSTRUCTOR'S INTERESTS AND BACKGROUND:
An archaeologist and historian by training, his research interests are archaeological theory, reconstruction of ancient ceramic technologies, regional archaeology, (ancient and modern) man-land relationships, GIS and modelling, and Complex Systems Theory. He did archaeological fieldwork in Syria, Holland, and France; conducted ethno-archaeological studies in the Near East, the Philippines, and Mexico; and has been involved in a series of research projects financed by the European Union in the area of socio-natural interactions and environmental problems. He was Deputy Director for Social Sciences at the CNRS, before becoming Director of the ASU School of Human Evolution & Social Change.

ASB 335 Prehistory of the Southwest
Staff
TTh 9:15 - 10:30 a.m.
AG 150
COURSE CONTENT:
Southwest from the times of the earliest Paleoindians (11500 B.P.) until European contact in 1540, with focus on later developments and cultural fluorescence in areas such as the Mimbres Valley, Chaco Canyon, Mesa Verde, and our own Phoenix Basin. Emphasis is on the process of archaeological investigation. (SB, C, H)
COURSE FORMAT:
Lecture supplemented by in-class exercises. Two tests, several written assignments.
INSTRUCTOR'S INTERESTS AND BACKGROUND:
To be announced.

ASB 337 Prehispanic Civilization of Middle America
Prof. Barbara Stark
MW 1:40 - 2:55 p.m.
ANTH 340
COURSE CONTENT:
This course introduces key developments in prehistoric Mesoamerican cultural change, from the first origins of settled life and agriculture to the Aztec empire encountered by the Spanish conquistadors. Included are the Olmec, Maya, Monte Alban, Teotihuacan, and Tula. (H, HU, SB, G) (Prereq. ASB 222 or ASB 223)

COURSE FORMAT:
Lecture, readings, objective and essay tests.
INSTRUCTOR'S INTERESTS AND BACKGROUND:
Ph.D., Yale University. Dr. Stark specializes in Mesoamerican prehistory, particularly in the developmental trajectories of complex societies. Topics of particular interest are settlement patterns, economy, ceramics, and coastal adaptations. Her field projects have been in Mexico and Guatemala in the tropical lowlands.

ASB 338 Archaeology of North America
Prof. Katherine Spielmann
TTh 10:40 - 11:55 a.m.
ANTH 265
COURSE DESCRIPTION:
This course covers the archaeological record and theories concerning the entry of humans into the New World, the diversity of lifeways of prehistoric hunting and gathering and farming populations, and ritual and political complexity in North America. The course focuses in particular on the earliest evidence of humans in the New World, mobile hunter-gatherers on the Plains, the mound-building cultures of the eastern United States, the chiefdoms of the Northwest Coast, and the Hohokam and Chaco archaeological records in the southwestern United States. (SB, H)
COURSE FORMAT:
Lecture, discussion, group projects, and short individual assignments.
INSTRUCTOR'S INTERESTS AND BACKGROUND:
Ph.D., University of Michigan. Dr. Spielmann's research focuses on interdependence between hunter-gatherer and horticultural societies, craft specialization and exchange. Area of expertise: North America.
**ASB 353 Death & Dying in a Cross-Cultural Perspective**

Fac. Assoc. Diana Repp  
TTh 10:40 - 11:55 a.m., ANTH 340  
**OR**  
TTh 10:40 - 11:55 a.m., ANTH 340  
**OR**  
TTh 10:40 - 11:55 a.m., ANTH 340  
**OR**  
TTh 10:40 - 11:55 a.m., ANTH 340  
T 12:40 - 1:30 p.m. ANTH 340  
**OR**  
T 1:40 - 2:30 p.m. LL 243  
**OR**  
T 1:40 - 2:30 p.m. LL 272  
**OR**  
T 1:40 - 2:30 p.m. LL 107

**COURSE CONTENT:**
This course introduces the student to some responses to dying and death found in other cultures, and the reasons for them. Both theoretical and compassionate approaches are taken. Topics considered in this course include developmental, temporal, ecological, and ethical aspects of death and dying, preparing to die, the dying process, suicide, funeral practices, and grief--each considered in nonwestern societies compared to the United States. It is hoped that by learning about the deathways of other cultures, the student will find a greater range of choices for interpreting the possible meanings of his or her own death, and a broader understanding and compassion for the lifeways and deathways of other cultures. (G, SB, HU, Bridge Course) Note: this course is 4 credits.

**COURSE FORMAT:**
Lecture, films, discussions, three tests (essay), short personalized projects.

**INSTRUCTOR’S INTERESTS AND BACKGROUND:**
Dianna Repp received her M.A. in anthropology from ASU in 1998. Her research interests include cross-cultural aspects of end-of-life issues, religious ideology, and art (as cultural expression). Dianna has been researching end-of-life issues since 1995, and has been a volunteer bereavement counselor for a local hospice. She enjoys teaching undergraduate anthropology courses, as well as facilitating women’s spirituality groups and community film forums. She is currently pursuing her doctorate in anthropology at ASU.

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**ASB 394 ST: Prehistoric/Historic Hunter-Gatherers**

Prof. Curtis Marean  
MW 3:15 - 4:30 p.m.  
PEBE 211

**COURSE CONTENT:**
Hunters and gatherers are people with economies that lack domesticated plants and animals. While virtually all people today belong to economies that produce food through the use of domesticates, hunting and gathering is anthropologically significant because food production arose fairly recently, and all major steps in human biological evolution occurred while humans were hunters and gatherers. This course focuses on understanding and explaining the variation within known hunting and gathering societies, and developing approaches to understanding past hunting and gathering societies.

**COURSE FORMAT:**
The course is a lecture course that follows this progression. First, we will have a series of lectures that introduce you to the history of hunter-gatherer research and the growth of theory. Next we will examine a sample of hunter-gatherers from several different environments, starting with the highest latitudes and moving toward the tropics. We will then investigate the most current theory for understanding hunter-gatherer adaptations.

Grades are based on 2 exams and a research paper.

**INSTRUCTOR’S INTERESTS AND BACKGROUND:**
Ph.D. University of California at Berkeley; member of the Institute of Human Origins. Has research interests on the origins of modern humans, the prehistory of Africa, and the study of animal bones from archaeological sites. He is particularly interested in questions about foraging strategies, for example when humans became effective hunters of large antelope, and the timing and processes underlying the evolution of modern human behavior. Marean has a special interest in human occupation of grassland and coastal ecosystems.
ASB 394 ST: Petroglyphs in the Valley of the Sun
Assoc. Prof. Michael Winkelman
W 1:40 - 4:30 p.m.
PSY B141

COURSE CONTENT:
This course will teach students how to study petroglyphs, examining specific areas of South Mountain to discover, document and interpret petroglyph material with reference to archaeological, historical and contemporary cultural material. The course will combine classroom instruction with substantial direct field research to give undergraduates the opportunity to develop the ability to integrate intellectual preparation with research. The course will integrate field surveys with computer systems through GIS, GPS, Adobe Photo and statistical programs. Students should have prior experience in areas directly related to the course and be capable of walking over rough landscape and climbing mountains.
COURSE FORMAT:
Lecture, computer lab, field surveys, student presentations, quizzes and reports.

INSTRUCTOR’S INTERESTS AND BACKGROUND:
Ph.D., UC Irvine 1985; M.P.H., U of A 2002. Medical and psychological anthropology, shamanism, cross-cultural relations, cross-cultural, research methods and theory.

ASB 394 ST: Sociological Research
Assoc. Prof. Sharon Harlan
TTh 10:40 - 11:55 a.m.
LSA 101

COURSE CONTENT:
This course is an introduction to the logic of social research: how do sociologists formulate questions, measure attitudes, values, and behavior, and test their ideas about the social world? You will learn skills, such as how to choose a research topic, write a hypothesis, conduct a literature search, and draw a sample. In this course you will also learn the most fundamental research techniques by reading about how social scientists do it and by trying it yourself. You will set up an experiment, write survey questions, conduct an interview, do field observations, and analyze and write up your results. Throughout the course we will reflect on ethical issues in social research and how the scientific way of learning about the world compares with other approaches. (cross-listed with SOC 391) (SB)

COURSE FORMAT:
Lecture, discussion.

INSTRUCTOR’S INTERESTS AND BACKGROUND:
Dr. Harlan’s research is about interrelationships between the social, biophysical, and built environments in urban settings. Projects include the Phoenix Area Social Survey, which examines people’s values, attitudes, and behaviors toward community and environment, and interdisciplinary studies of neighborhoods in the Phoenix metropolitan area that examine inequalities in microclimates and other ecosystem services.

ASB 394 ST: Anthropology of Cyberspace
Assoc. Prof. Paul Privateer
W 4:40 - 7:30 p.m.
WHALL 260

COURSE DESCRIPTION:
Cross-listed with Humanities. Contact that department for information.

ASB 462 Medical Anthropology: Culture and Health
Assoc. Prof. Michael Winkelman
TTh 1:40 - 2:55 p.m.
PS H153

COURSE CONTENT:
Role of culture in health, illness and curing; health status, provider relations and indigenous healing practice in U.S. ethnic groups. (H, Bridge Course)

COURSE FORMAT:
Lecture and discussion, written exams and paper.

INSTRUCTOR’S INTERESTS AND BACKGROUND:
Ph.D., School of Social Sciences, University of California-Irvine; Masters in Public Health, University of Arizona. Psychological and medical anthropology, shamanism, applied anthropology, cross-cultural relations.
ASB 480  Introduction to Linguistics  
Prof. Emeritus Leonard Faltz  
TTh  7:40 - 8:55 a.m.  
ANTH 265  
OR  
Fac. Assoc. Alberto Perez-Pereiro  
TTh  9:15 - 10:30 a.m.  
ANTH 265  

COURSE FORMAT:  
This course equips the student with key concepts in linguistics and considers the relationships between linguistic theory and practice. Students are introduced gradually to the technical vocabulary of linguistics while building their own skills at linguistic problem-solving in areas of phonology, morphology, syntax, and semantics. Problems and examples are drawn from a wide variety of languages. (SB)  

INSTRUCTOR'S INTERESTS AND BACKGROUND:  
Faltz--Ph.D., University of California at Berkeley. Author of several books on language. Has taught in the English and Computer Science Departments for many years.  
Perez-Pereiro--Ph.D. student in the School of Human Evolution and Social Change. He specializes in minority peoples and languages of South East Asia, specifically Cambodia.

ASB 481  Language & Culture  
Prof. Elizabeth Brandt  
TTh  3:15 - 4:30 p.m.  
ANTH 265  

COURSE CONTENT:  
Language has multifaceted uses and meanings. Through it, we learn about society, culture, other people, and ourselves. Keeping this in mind, we will seek to develop an ethnology of communication in this course, examining and exploring language through speech, situational contexts, and cultural norms. Examples will be taken from a variety of languages and language families. (Prereq. ASB 102) (SB).  

COURSE FORMAT:  
Lecture, discussion, homework, quizzes, exams.

INSTRUCTOR'S INTERESTS AND BACKGROUND:  
Extensive fieldwork on eight different Indian reservations in the U.S. Southwest and Mexico. Ph.D. in anthropology and linguistics. Interests in Pueblo languages, Navajo and Apache, anthropological linguistics, sociolinguistics, gender, and rural Mexico.

ASB 492  Honors Directed Study  
Prof. S. van der Leeuw  
F  7:40 - 8:30 a.m.  
ANTH 233  

Students must sign the roster in the Anthropology Department office and arrange a meeting time with the individual professor.

ASB 493  Honors Thesis  
Prof. S. van der Leeuw  
F  7:40 - 8:30 a.m.  
ANTH 233  

Students must sign the roster in the Anthropology Department office and arrange a meeting time with the individual professor.

ASB 494  ST: Earliest Cities  
Prof. Michael Smith  
MWF  9:40 - 10:30 a.m.  
ED 130  

COURSE CONTENT:  
This class will study the nature of cities and urban life in ancient civilizations around the world. The emphasis is on the archaeological record of the earliest cities in areas such as Mesopotamia, Egypt, the Indus Valley, China, Southeast Asia, Africa, Mesoamerica and the Andes. We will compare early cities with respect to topics such as size, planning and layout, social organization, palaces and government, economic processes, religion, and social role. Students will be assigned one ancient city to research, and will complete a series of written assignments on their city.  

COURSE FORMAT:  
Lecture.  

INSTRUCTOR'S INTERESTS AND BACKGROUND:  
Ph.D., University of Illinois, Urbana-Champaign. He is an archaeologist who has directed excavations at Aztec sites in central Mexico, focusing on issues of urbanization, imperialism, and household-
level activities and conditions. He has published six books and numerous articles on the Aztecs and other Mesoamerican cultures.

**ASB 494 ST: Social Class and Stratification**
Prof. Ed Hackett  
MW 1:40 - 2:55 p.m.  
BAC 201

**COURSE CONTENT:**
Classical and contemporary theories about who gets what and why. Examines social and economic inequalities by class, gender, and race/ethnicity. Prereq. SOC 101 (or 301) and an additional 3 hours in sociology or only instructor approval.

**COURSE FORMAT:**
Lecture, discussion.

**INSTRUCTOR'S INTERESTS AND BACKGROUND:**
Ph.D., Cornell. Sociology.

**ASB 494 ST: Andean Archaeology**
Asst. Prof. Kelly Knudson  
MW 4:40 - 5:55 p.m.  
AED 68

**COURSE CONTENT:**
This course is an introduction to the great civilizations of the Andes, including the Incas and their ancestors. After beginning with the first inhabitants of South America, we will cover a number of groups such as the Nasca, Moche, Tiwanaku, Wari and Inka. Some of the topics we will cover include ritual activities such as consulting oracles and sacrificing humans, Andean warfare including taking trophy heads, ancient technologies such as ceramics, weaving and metallurgy and the Spanish conquest. Prerequisite: Previous anthropology course or consent of instructor.

**COURSE FORMAT:**
Lecture, discussion, videos and exams and assignments.

**INSTRUCTOR'S INTERESTS AND BACKGROUND:**
Ph.D., University of Wisconsin at Madison. Her research interests include archaeological identity, Andean ritual behavior, and activity area analysis through soil chemistry. She works predominately in the South Central Andes (Peru, Bolivia, Chile) as well as Alaska.

**ASB 494 ST: Society and Environment**
Prof. Bob Bolin  
TTh 9:15 - 10:30 a.m.  
NUR 375

**COURSE CONTENT:**
This course presents an overview of major social science approaches to understanding socio-environmental conditions and change. Our focus includes both past and present environmental transformations and the ways to understand those changes. A key element of the class is on understanding current environmental issues using political ecology as an analytic approach.

**COURSE FORMAT:**
Lecture and discussion.

**INSTRUCTOR'S INTERESTS AND BACKGROUND:**
Ph.D., University of Colorado, Boulder. Political ecology, environmental sociology, urban geography, social theory, social movements, environmental hazards, environmental justice.

**ASB 499 Individualized Instruction**
Prof. S. van der Leeuw  
M 7:40 - 8:30 a.m.  
ANTH 233

Students must sign the roster in the Anthropology Department office and arrange a meeting time with the individual professor.
COURSES NUMBERED 500 AND HIGHER ARE FOR GRADUATE STUDENTS ONLY. Undergraduates must obtain the professor's approval and apply to take these courses.

ASB 501 Applied Medical Anthropology
Staff
Th 4:40 - 7:30 p.m.
LL 245
COURSE CONTENT:
Overview of anthropology's applications in medicine and systems of healing as it applies across a variety of cultures, including U.S. ethnic populations. Requires research project in an applied/medical setting.
COURSE FORMAT:
Lecture/seminar.
INSTRUCTOR'S INTERESTS AND BACKGROUND:
To be announced.

ASB 531 Anthropology of Development
Prof. James Eder
W 6:40 - 9:30 p.m.
LL 245
COURSE CONTENT:
The nature of development, as understood by anthropologists and with particular attention to Southeast Asia. The first part of the course concerns the principal theoretical orientations that social scientists employ to study development; the second part, the human consequences of development (covering such topics as resettlement, migration, and the impact of development on women); and the third part, the nature of "development anthropology" as seen by both its practitioners and its critics.
COURSE FORMAT:
Seminar. Grading will be based on two papers (one short, one longer) and on class participation.
INSTRUCTOR'S INTERESTS AND BACKGROUND:
The instructor is a social anthropologist (Ph.D., University of California, Santa Barbara) whose research interests concern subsistence adaptations, social inequality, and natural resource management. He is particularly interested in the Philippines, where he once taught high school and has spent six years conducting anthropological field work.

ASB 541 Method & Theory of Social & Cultural Anthropology
Prof. John K. Chance
TTh 9:15 - 10:30 a.m.
NUR 306
COURSE CONTENT:
Theoretical bases of social and cultural anthropology.
COURSE FORMAT:
Reading and discussion; three short papers.
INSTRUCTORS' INTERESTS AND BACKGROUND:
Ph.D., University of Illinois. Social and cultural anthropology, ethnohistory, political economy, social inequality, Mesoamerica. Fieldwork in the Oaxaca and Puebla regions of southern Mexico.

ASB 572 Museum Collections Management
Staff
W 1:40 - 4:30 p.m.
NUR 375
COURSE CONTENT:
Principles and practices regarding the acquisition, documentation, care and use of museum collections. Topics will include the establishment of appropriate collection policies, ethical issues regarding acquisition and the use of artifacts in research, as well as specific techniques for registration, cataloging and physical maintenance of collections.
COURSE FORMAT:
Lecture/seminar, with slide presentations, field trips, guest lecturers. Extensive use of the collections within the ASU Archaeological Research Institute and Department of Anthropology collections, and observation of collection management procedures at other Valley museums. Periodic written class exercises, projects and final project/paper.
INSTRUCTOR'S INTERESTS AND BACKGROUND:
To be announced.
ASB 580 Practicum
Prof. S. van der Leeuw
T 6:40 - 9:30 p.m.
ANTH 233
Students must sign the roster in the Anthropology Department office and arrange a meeting time with the individual professor.

ASB 584 Internship: Museum Studies
Assoc. Prof. Peter Welsh
F 7:40 - 8:30 a.m.
ANTH 233
COURSE CONTENT:
This course is for graduate students in the Museum Studies Program. It is generally taken after their second semester. The internship must be proposed and structured prior to enrolling. The internship consists of formal course enrollment of six hours which corresponds to approximately 20 hours per week at an approved museum. The student has the option of pursuing at least two of the several topics within museum operations; administration, curation, care of collections, conservation, education, exhibition, and research. A journal marking the progress of the internship and a final report in the form of a documentary portfolio are required and are to be completed in consultation with the museum on-site supervisor and the student’s program advisor.

COURSE FORMAT:
Practical experience (see above).

INSTRUCTOR’S INTERESTS AND BACKGROUND:
Ph.D., University of Pennsylvania. Dr. Welsh is Director of the new Rock Art Museum for the department. Sociocultural anthropology, ethnohistory, museology; Native Americans; Great Plains and Southwest.

ASB 584 Internship: Teaching Mentorship
Prof. Sander van der Leeuw
F 7:40 - 8:30 a.m.
ANTH 233
COURSE CONTENT:
Students must sign the roster in the Anthropology Department office and arrange a meeting time with the individual professor.

ASB 590 Reading and Conference
Prof. S. van der Leeuw
F 7:40 - 8:30 a.m.
ANTH 233
Students must sign the roster in the Anthropology Department office and arrange a meeting time with the individual professor.

ASB 591 S: Computer Simulations/Social Sciences
Asst. Prof. Marco Janssen
TTh 3:15 - 4:30 p.m.
CPCOM 107
COURSE CONTENT:
Introduction to the use of computer simulation for the study of social phenomena like cooperation, diffusion and foraging. Students will learn the basics of systems dynamics and agent-based models, and how these techniques are used to study social systems in ancient and modern times. Students will work in group projects to apply the techniques to concrete research questions. The groups will consist of both anthropology and computer science students.

COURSE FORMAT:
Lecture, discussion, computer lab, student, group research project

INSTRUCTOR’S INTERESTS AND BACKGROUND:
Janssen is Assistant Professor in School of Human Evolution and Social Change, and in Computer Science and Engineering. Integrated modeling of humans and their environment, institutional analysis, human decision experiments, resilience and adaptive capacity of social-ecological systems.

ASB 591 S: Language and Culture
Prof. Elizabeth A. Brandt
TTh 12:15 - 1:30 p.m.
NURS 375
COURSE CONTENT:
See course description for ASB 481
COURSE FORMAT:
This section is for graduate students.
ASB 591 S: Stone Age of Africa
Prof. Curtis Marean
MW 9:15 - 10:30 a.m.
ANTH 226
COURSE CONTENT:
An examination of the evidence for the behavioral and biological evolution of humans on the African continent. Integrates the archaeological, paleontological, and paleoenvironmental record of Africa in an attempt to provide a synthetic paleoanthropology.

COURSE FORMAT:
The course includes a mix of lecture and seminar. There will be three major sections in the course. The first section will examine the character of the modern African continent. We will discuss the modern climate, geology, vegetation, and large mammal communities. The goal will be to provide an ecological framework for the evolutionary record by examining modern human behavior in relation to biotic and abiotic characteristics of the continent. The second section will investigate the evidence for earliest archaeological record in Africa. The third section will examine the archaeological and paleontological evidence for the origins of modern human behavior.

INSTRUCTOR’S INTERESTS AND BACKGROUND:
Ph.D., University of California at Berkeley. Behavioral evolution of humans in Africa, with a current focus on modern human origins; interpretation of animal bones from archaeological sites. South Africa, Tanzania, Kenya, and Somalia, and is currently directing a project near Mossel Bay, South Africa.

ASB 591 S: Archeometry and Advanced Characterization of Archaeological Material
Prof. Hamdallah Bearat
T 6:40 - 9:30 p.m.
GWC B16
COURSE CONTENT:
This is a graduate level archaeometry course (3 credits) composed of a weekly lecture of 50 minutes followed by a lab session of 2 hours. The course is intended for students majoring in anthropology, art, physical sciences or engineering who have special interests in the analytical study of archaeological and art materials. People working in contract archaeology and museums are also encouraged to take this class.

COURSE FORMAT:
The lecture will usually cover the fundamental aspects of the analytical method to be used in the lab session as well as expectations & archaeological implications of analysis. Working in teams, you will choose among several artifact samples (or bring your own), which will be submitted for characterization, using the analytical techniques which will be covered during the semester. Lectures, case studies, and lab work.

INSTRUCTOR’S INTERESTS AND BACKGROUND:
Ph.D., Caen University, France and Arizona State University. Dr. Bearat is a Faculty Research Associate at the Center for Solid State Science (with the CO2 - Mineral Sequestration Group) and Affiliate Professor of Anthropology in the School of Human Evolution & Social Change. He is currently involved in several multidisciplinary archaeology research projects in Egypt, France, Hungary, Italy, Jordan, Palestine, South Africa, Spain, and Switzerland. Béarat has research interest falling into two major areas: Archaeometry/conservation science and mineral sequestration of CO2 as well as some minor research areas such as applied mineralogy: ceramic science; desalination technologies, and nano-materials & structures.

ASB 591 S: Society and Environment
Prof. Bob Bolin
TTh 9:15 - 10:30 a.m.
NUR 375
COURSE CONTENT:
See ASB 494 of the same title.

COURSE FORMAT:
This section is for graduate students.
ASB 591  S: Material Culture
Asst. Prof. Gwyneira Isaac
M  1:40 - 4:30 p.m.
NUR 375

COURSE CONTENT:
Seminar exploring how objects embody social relationships and cultural meanings. Emphasis on theories that give insight into social processes such as exchange, consumption and identity, and methods used to analyze how objects mean, such as form, function, style and aesthetics.

COURSE FORMAT:
3 hour seminar.

INSTRUCTOR’S INTERESTS AND BACKGROUND:
Ph.D., Oxford University, England. Dissertation based on an ethnographic study of the establishment of a tribal museum at the Pueblo of Zuni. Isaac’s research has centered on the representation of knowledge, visual anthropology, and material culture.

ASB 591  S: Nature in Culture
Assoc. Prof. Leif Jonsson
T  6:40 - 9:30 p.m.
NUR 8

COURSE CONTENT:
This course examines ideas of the natural world, such as animals, vegetation, and the human body, for what they suggest about the relations among nature, culture, and society. A central concern revolves around issues of use, maintenance, protection, and traffic in whatever constitutes the natural. We will explore what such ideas and practices suggest about cultural categorizations and social identities. To what extent do people’s actions concern control over nature that otherwise stands as a threatening, wild force? How does the classification of use versus protection relate social categories, economy, and state power, and what happens on the borderlands of the natural and the non-natural worlds?

COURSE FORMAT:
Graduate Seminar.

INSTRUCTOR’S INTERESTS AND BACKGROUND:
Ph.D., Cornell University. Social and cultural anthropology, cultural/social change, sports, religion/rituals, ideas about nature, state-minority relationships, Southeast Asia. Fieldwork in Thailand, Cambodia, and Vietnam.

ASB 591  S: Andean Archaeology
Asst. Prof. Kelly Knudson
MW  4:40 - 5:55 p.m.
AED 68

COURSE CONTENT:
See course description for ASB 494 of the same title.

COURSE FORMAT:
This section is for graduate students.

ASB 591  S: Mesoamerican Urbanism
Professor Barbara Stark
T  3:40 - 5:30 p.m.
NUR 8

COURSE CONTENT:
Mesoamerican urbanization took many forms, leading to debates about the interpretation of urbanism and settlement patterns. This graduate reading and discussion class will consider a variety of research and comparative materials related to Mesoamerican urbanism. We expect that Dr. Charlotte Arnauld of the Centre National de Recherche Scientifique in Paris, France, will be a guest instructor for the first three weeks and will address Maya research. The remainder of the semester will involve comparative topics to the Maya. Participants in the seminar will meet for one or two hours (depending on scheduling of guest instructors), but normally the meetings will be for one hour, with the total amount of time equivalent of one hour session a week over the semester. Participants will be required to participate actively in reading and discussion as well as leading at least one of the sessions. This class is a continuation from fall 2005, a one credit hour reading and discussion on perspectives on urbanism.

COURSE FORMAT:
Graduate seminar.

INSTRUCTOR’S INTERESTS AND BACKGROUND:
Ph.D., Yale University. Dr. Stark specializes in Mesoamerican prehistory, particularly in the developmental trajectories of complex societies. Topics of particular interest are
settlement patterns, economy, ceramics, and coastal adaptations. Her field projects have been in Mexico and Guatemala in the tropical lowlands.

**ASB 592 Research**
Prof. S. van der Leeuw
W 7:40 - 8:30 a.m.
ANTH 233

Students must sign the roster in the Anthropology Department office and arrange a meeting time with the individual professor.

**ASB 595 Continuing Registration**
Prof. S. van der Leeuw
F 7:40 - 8:30 a.m.
ANTH 233

**ASB 599 Thesis**
Prof. S. van der Leeuw
Th 7:40 - 8:55 a.m.
ANTH 233

Students must sign the roster in the Anthropology Department office and arrange a meeting time with the individual professor.

**ASB 695 Continuing Registration**
Prof. S. van der Leeuw
F 7:40 - 8:30 a.m.
ANTH 233

**ASB 790 Reading and Conference**
Prof. S. van der Leeuw
T 7:40 - 8:55 a.m.
ANTH 233

Students must sign the roster in the Anthropology Department office and arrange a meeting time with the individual professor.

**ASB 792 Research**
Prof. S. van der Leeuw
W 7:40 - 8:55 a.m.
ANTH 233

Students must sign the roster in the Anthropology Department office and arrange a meeting time with the individual professor.

**ASB 795 Continuing Registration**
Prof. S. van der Leeuw
F 7:40 - 8:30 a.m.
ANTH 233

**ASB 799 Dissertation**
Prof. S. van der Leeuw
Th 7:40 - 8:55 a.m.
ANTH 233

Students must sign the roster in the Anthropology Department office and arrange a meeting time with the individual professor.
**ASM 104  Bones, Stones and Human Evolution**
Prof. Leanne Nash
MWF 9:40 - 10:30 a.m., LSA 191
AND T 8:40 - 10:30 a.m., SS 104
OR
MWF 9:40 - 10:30 a.m., LSA 191
AND T 12:40 - 2:30 p.m., SS 104
OR
MWF 9:40 - 10:30 a.m., LSA 191
AND T 2:40 - 4:30 p.m., SS 104
OR
MWF 9:40 - 10:30 a.m., LSA 191
AND Th 8:40 - 10:30 a.m., SS 104
OR
MWF 9:40 - 10:30 a.m., LSA 191
AND Th 12:40 - 2:30 p.m., SS 104
OR
MWF 9:40 - 10:30 a.m., LSA 191
AND Th 2:40 - 4:30 p.m., SS 104
OR
MWF 9:40 - 10:30 a.m., LSA 191
AND Th 4:40 - 6:30 p.m., SS 104
OR
MWF 9:40 - 10:30 a.m., LSA 191
AND Th 10:40 - 12:30 p.m., SS 104
OR
MWF 9:40 - 10:30 a.m., LSA 191
AND Th 6:40 - 8:30 p.m., SS 104

**COURSE CONTENT:**
This introduction to physical anthropology explores the biological basis of human origins and variation. Through an understanding of genetics and mechanisms of evolution, students are provided with a background to examine primate adaptations, our hominid ancestors, and modern human variation. The bones, teeth, and tools used by living primates and ancient hominids are keys to unlocking their lifeways. (SB, SG)

**COURSE FORMAT:**
Lecture and labs are required components of this course. The lectures introduce key concepts and incorporate slides and videos throughout the semester. Lab exercises provide hands-on application of concepts covered in lecture and reading assignments. Exercises include demonstration of genetic mechanisms and handling of fossil casts and skeletal material.

**INSTRUCTOR’S INTERESTS AND BACKGROUND:**
Ph.D., University of California, Berkeley. Nonhuman primate behavior and ecology, socialization, lab studies of chimpanzees and galagos (bushbabies), field work in East and South Africa and Madagascar on baboon behavior and on behavior and ecology of nocturnal prosimians.

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**ASM 246  Human Origins**
Prof. Don Johanson
TTh 9:15 - 10:30 a.m.
ANTH 340

**COURSE CONTENT:**
The fossil evidence for human evolution from the earliest hominids to the emergence of modern humans and the historical framework in which these discoveries have been made. Consideration of competing ideas of human origins including aspects of biological, cultural and behavioral adaptations. Evaluation of our place in nature.

**COURSE FORMAT:**
Lectures, some films, examinations.

**INSTRUCTOR’S INTERESTS AND BACKGROUND:**
Ph.D. Chicago. Dr. Johanson is Director of the Institute of Human Origins. For the past 30 years he has conducted field and laboratory research in paleoanthropology. Most notably, he discovered the 3.18 million year old hominid skeleton popularly known as “Lucy.” Paleoanthropology, Plio-Pleistocene hominid evolution and dentition: Africa, Asia, and Middle East.
ASM 294 ST: Forensic Anthropology: Crime Scene Investigation
Asst. Prof. Christopher Stojanowski
TTh 1:40 - 2:55 p.m.
MUR 101

COURSE CONTENT:
This course will survey applications of anthropological analyses in medico-legal contexts. During the course of the semester we will learn basic bone biology, assessment of an individual's sex from skeletal remains, estimation of age-at-death, height, and ancestry. We will also discuss techniques for reconstructing the life history of a crime victim including diet, nutritional quality, and diseases, both genetic and infectious, they might have experienced during the course of their life. Analysis of trauma including blunt force, sharp force, and projectile forms will be discussed. Case studies focus on human rights applications with additional discussion of careers of forensic sciences.

COURSE FORMAT:
Lecture with presentations, videos, and slides.

INSTRUCTOR’S INTERESTS AND BACKGROUND:
Ph.D., University of New Mexico. Skeletal biology, human microevolution.

ASM 344 Fossil Hominids
Prof. William Kimbel
TTh 1:40 - 2:55 p.m.
ANTH 341
AND M 1:40 - 3:30 p.m., SS 104
OR
TTh 1:40 - 2:55 p.m.
ANTH 341
AND W 8:40 - 10:30 p.m., SS 104

COURSE CONTENT:
A review of the fossil evidence of human origins and evolution. Students are introduced to current techniques in the analysis of fossils and in the determination of their geological age and ecological context. The course explores the interplay of morphological, ecological, and cultural factors in the human evolutionary process. (Prerequisite: ASM 104 or approval of instructor) (H)

COURSE FORMAT:
Lectures are supplemented by slides and films. There are frequent demonstrations of anatomical features in humans, nonhuman primates, and casts of the fossils. Three equally-weighted examinations include both objective and essay questions.

INSTRUCTOR’S INTERESTS AND BACKGROUND:
Ph.D., Kent State University. Is interested in Paleoanthropology, Plio-Pleistocene hominid evolution, Late Pleistocene human evolution, evolutionary theory, systematics; Africa, Middle East.

ASM 394 ST: Numeracy in the Life and Social Sciences
Asst. Prof. Marty Anderies
MWF 9:40 - 10:30 a.m.
ARCH 13

COURSE DESCRIPTION:
The problems addressed in both the life and social sciences are becoming ever more complex. These include challenges like understanding the human genome and understanding the implications of globalization for infectious disease, human health, and economic stability. With increasing problem complexity comes increased application of quantitative techniques. This course will introduce students to the many ways in which quantitative techniques are applied in the life and social sciences. The intent of the course is to increase student awareness of the relationship between numeracy and scientific activities in the life and social sciences. This heightened awareness will provide a basis for interested students to pursue further study in a range of fields that employ quantitative techniques. The core of the course will focus on the fundamentals of the construction and use of formal models and quantitative techniques with context provided by several guest lectures from a range of fields from ASU who will discuss the use of quantitative techniques in their research.

COURSE FORMAT:
Lecture/discussion.

INSTRUCTOR’S INTERESTS AND BACKGROUND:
Ph.D. University of British Columbia. Mathematical BioEconomics, human environment interaction, modeling &
simulation, ecology (human). His current research interests focus on robust management and robust institutional design for coupled social-ecological systems. Anderies studies a range of archaeological, historical, and present-day examples of social-ecological systems using formal mathematical modeling and analysis to develop an understanding of ecological, behavioral, social, and institutional factors that generate vulnerability and/or enhance resilience and robustness in social-ecological systems. Other areas of interest include economic growth, demographics, and the environment and mathematical modeling in community ecology.

**ASM 452 Dental Anthropology Lab**

Asst. Prof. Gary Schwartz  
MWF  9:40 - 10:30 a.m.  
ANTH 341
AND  
M  1:40 - 4:30 p.m.  
ANTH 341

**COURSE CONTENT:**  
This survey course deals with a wide range of dental anthropology topics including anatomy, health, forensics, evolution, embryology, teeth and behavior (including use), genetics, affinity assessment, and several bioarchaeology applications. (Pre-req.: Instructor’s approval) (SG)

**COURSE FORMAT:**  
Lectures, slides, discussion, class presentations, exams, term project.

**INSTRUCTOR’S INTERESTS AND BACKGROUND:**  
Ph.D., Washington University. Physical anthropology, paleoanthropology, primate biology, growth and development, dental development.

**ASM 454 Comparative Primate Anatomy**

Asst. Prof. Mark Spencer  
TTh  12:15 - 1:30 p.m.  
ANTH 341
AND  
Th  1:40 - 4:30 p.m.  
ANTH 341

**COURSE CONTENT:**  
An intensive study of the anatomy of primates within a comparative framework. All major systems will be covered, but emphasis is placed on functional interpretations of diversity in the morphology of the skeleton and musculature.

**COURSE FORMAT:**  
Lectures, laboratory dissections and demonstrations.

**INSTRUCTOR’S INTERESTS AND BACKGROUND:**  
Ph.D., SUNY Stony Brook. Physical Anthropology, Comparative Primate Anatomy, Biomechanics, Paleoanthropology.

**ASM 455 Primate Behavior Laboratory**

Prof. Leanne T. Nash  
MW  1:40 - 4:30 p.m.  
LL 149

**COURSE CONTENT:**  
This class is an introduction to techniques of scientific observations of behavior. Emphasis is on primate social behavior. Topics include development of problem statements, behavioral categorization and description, sampling, recording, quantification and analysis, and scientific presentation (oral and written). (L)

**CLASS FORMAT:**  
Lecture, discussion, projects, five papers (including a major individual term project), no exams.

**INSTRUCTOR’S INTERESTS AND BACKGROUND:**  
Ph.D., University of California, Berkeley. Nonhuman primate behavior and ecology, socialization, lab studies of chimpanzees and galagos (bushbabies), field work in East and South Africa and Madagascar on baboon behavior and on behavior and ecology of nocturnal prosimians.

**ASM 492 Honors Directed Study**

Prof. S. van der Leeuw  
F  7:40 - 8:30 a.m.  
ANTH 233

Students must sign the roster in the Anthropology Department office and arrange a meeting time with the individual professor.
ASM 493  Honors Thesis
Prof. S. van der Leeuw
F  7:40 - 8:30 a.m.
ANTH 233
Students must sign the roster in the Anthropology Department office and arrange a meeting time with the individual professor.

ASM 494 ST: Genetic Perspective on Modern Human Populations
Asst. Prof. Anne Stone
W  1:40 - 4:30 p.m.
NUR 306
COURSE CONTENT:
This course will discuss human evolutionary history from a genetic perspective. In particular, we will examine the different models that have been proposed for recent human evolution, the types of genetic markers that have been analyzed and what they indicate, and the current debates in the field. Did the most recent common ancestors of modern humans exist 1 million, 500,000 or 50,000 years ago? Where did they live, and did they interbreed with other hominins? Do the available genetic data enable us to distinguish between the competing theories of the origin of modern humans? What kinds of data are necessary for testing these hypotheses? Emphasis is on critical reading and discussion of recent literature. Students will also get some hands on experience with basic analyses of data. The course web site is: http://www.public.asu.edu/~acstone/Genetic_Perspectives/

COURSE FORMAT:
Special topics.

INSTRUCTOR’S INTERESTS AND BACKGROUND:
Ph.D., Pennsylvania State University. Human and chimpanzee population genetics, evolution, disease genetics, ancient DNA, mortuary studies.

ASM 494 ST: Quantitative Methods in Anthropological Research
Assoc. Prof. Dave Abbott
MW  3:15 - 4:30 p.m.
LL 240
COURSE CONTENT:
This course will introduce students to quantitative analysis in Anthropology. The fundamentals of descriptive and inferential statistics will be covered with examples drawn from the anthropological literature.

COURSE FORMAT:
The class will include lecture and discussion of homework problems. The class will be evaluated on the basis of regularly scheduled in-class quizzes, a midterm exam and a final exam.

INSTRUCTOR’S INTERESTS AND BACKGROUND:
Ph.D. Arizona State University. Archaeology, Hohokam prehistory, ceramics, quantitative methods, community organization.

ASM 499 Individualized Instruction
Prof. S. van der Leeuw
M  7:40 - 8:30 a.m.
ANTH 233
Students must sign the roster in the Anthropology Department office and arrange a meeting time with the individual professor.

COURSES NUMBERED 500 AND HIGHER ARE FOR GRADUATE STUDENTS ONLY. Undergraduates must obtain the professor’s approval and apply to take these courses.

ASM 580 Practicum
Prof. S. van der Leeuw
F  3:40 - 4:30 p.m.
ANTH 233
Students must sign the roster in the Anthropology Department office and arrange a meeting time with the individual professor.
ASM 590  Reading and Conference
Prof. S. van der Leeuw
F  7:40 - 8:30 a.m.
ANTH 233
Students must sign the roster in the Anthropology Department office and arrange a meeting time with the individual professor.

ASM 591  S: Dental Anthropology
Asst. Prof. Gary Schwartz
MWF  9:40 - 10:30 a.m.
ANTH 341
AND
M  1:40 - 4:30 p.m.
ANTH 341
COURSE CONTENT:
See the course description for ASM 494 of the same title. This course is for graduate students.

ASM 591  S: Comparative Primate Anatomy
Asst. Prof. Mark Spencer
TTh  12:15 - 1:30 p.m.
ANTH 341
AND TH  1:40 - 4:30 p.m., ANTH 341
COURSE CONTENT:
See course description for ASM 454. This section is for graduate students.

ASM 591  S: Primate Paleobiology
Prof. William Kimbel
and Adj. Prof. Lillian Spencer
TTh  9:15 - 11:05 a.m.
SS 103
COURSE CONTENT:
This course will examine in detail the evolutionary history of the order Primates. Topics that will be covered include evolution, systematics, primate biology and anatomy, paleontology, extant primates, and the primate fossil record.
COURSE FORMAT:
This course will mainly consist of lectures, but there will be opportunities for hands-on examination of material as well. Students will be required to design and carry out an original research project, and present their results at the end of the semester. A number of exams will be used to evaluate student performance.

INSTRUCTOR’S INTERESTS AND BACKGROUND:
Kimbel-Ph.D., Kent State University. Is interested in Paleoanthropology, Plio-Pleistocene hominid evolution, Late Pleistocene human evolution, evolutionary theory, systematics: Africa, Middle East.

L. Spencer—Dr. Spencer received her PhD from SUNY Stony Brook in 1995. Her main interests are paleoecology in hominin and primate evolution. She has also collaborated with Dr. Curtis Marean on zooarchaeological projects, and with the Page Museum of the Rancho La Brea Tar Pits on paleontological projects.

ASM 591  S: Advanced Bioarchaeology
Prof. Jane Buikstra
M  1:40 - 4:30 p.m.
WHALL 220
COURSE CONTENT:
Key bioarchaeological issues will be reviewed in historical context and in relationship to themes of the School of Human Evolution and Social Change, including biocultural dimensions of human health, identity formation and ethnicity, urbanism and the rise of social complexity, and linkages of both urban and non-urban societies to natural and built landscapes. Other topics to be explored include paleodemography, biological distance, theories of mortuary behavior, paleodiet, and paleopathology.
COURSE FORMAT:
Seminar format with occasional lectures. Students will be responsible for leading discussions on assigned readings. A term paper will be assigned.

INSTRUCTOR’S INTERESTS AND BACKGROUND:
Ph.D from the University of Chicago. Research interests in bioarchaeology, including mortuary site archaeology and paleopathology. Fieldwork in the midcontinental US, Mexico, Honduras, Peru and Spain.
ASM 592  Research
Prof. S. van der Leeuw
F 7:40 - 8:30 a.m.
ANTH 233
Students must sign the roster in the Anthropology Department office and arrange a meeting time with the individual professor.

ASM 595  Continuing Registration
Prof. S. van der Leeuw
F 7:40 - 8:30 a.m.
ANTH 233

ASM 598  S: Genetic Perspective on Modern Human Populations
Asst. Prof. Anne Stone
W 1:40 - 4:30 p.m.
NUR 306
COURSE CONTENT:
See course description for ASM 494 of the same title. This section is for graduate students.

ASM 598  S: Remote Sensing/Quaternary Landscapes
Prof. C. Michael Barton, Assoc. Prof. Ramón Arrowsmith and Assoc. Prof. Pat Fall
TH 1:40 - 4:30 p.m.
COOR L1-54
COURSE CONTENT:
Students will learn methods for processing and analyzing satellite imagery and other remote sensing data to identify landcover, landforms, and surface characteristics. The course will emphasize applying these methods in on-going research projects involving Quaternary landscapes. Some experience with GIS and/or basic image processing is desirable; instructor approval required.
COURSE FORMAT:
Seminar/lab; 3 credits.
INSTRUCTOR’S INTERESTS AND BACKGROUND:
Barton--Ph.D., University of Arizona. Current fieldwork focuses on Paleolithic through Neolithic of the Mediterranean and Archaic of the American Southwest, with prior work in Spain, Bosnia, and Central and Southwestern U.S. Primary research interests include Quaternary socioecology and landscape dynamics, lithic technology, and applying quantitative methods and spatial technologies in archaeological research.
Arrowsmith--Ph.D., Stanford. Active tectonics, quantitative structural geology and geomorphology; fault zone structure and geomorphology; earthquake surface rupture and paleoearthquake; theoretical studies of faulting and hillslope development; fault zone structure and paleoearthquake along the San Andreas Fault system; active deformation in central Asia; regional geology and stratigraphic context for paleoanthropology in the Afar region of Ethiopia; integrated investigation of earthquake hazards; engineering geologic field methods; Geographic Information Systems, Remote Sensing, and Geoinformatics; three-dimensional visualization in geology; and Quaternary Geology and desert surface processes.
Fall--Ph.D., University of Arizona. Geography.

ASM 599  Thesis
Prof. S. van der Leeuw
Th 7:40 - 8:30 a.m.
ANTH 233
Students must sign the roster in the Anthropology Department office and arrange a meeting time with the individual professor.

ASM 695  Continuing Registration
Prof. S. van der Leeuw
F 7:40 - 8:30 a.m.
ANTH 233

ASM 780  Practicum
Prof. S. van der Leeuw
F 3:40 - 4:30 p.m.
ANTH 233
Students must sign the roster in the Anthropology Department office and arrange a meeting time with the individual professor.

ASM 790  Reading and Conference
Prof. S. van der Leeuw
T 7:40 - 8:30 a.m.
ANTH 233
Students must sign the roster in the Anthropology Department office and arrange a meeting time with the individual professor.
IMPORTANT DATES FOR SPRING, 2006

(from the Registrar’s Calendar)

Please note that deadlines are different for Sundial and In-Person transactions.

PRE-REGISTRATION ......................................................................................... Oct. 24 - Nov. 1, 2005
DROP/ADD (Sundial/ASU Interactive) ................................................... Nov. 14, 2005 - Jan. 22, 2006
DROP/ADD (In-person) ............................................................................. Nov. 14, 2005 - Jan. 20, 2006
REGISTRATION (Sundial/ASU Interactive) ............................................ Nov. 16, 2005 - Jan. 22, 2006
REGISTRATION (In-person) ..................................................................... Nov. 16, 2005 - Jan. 20, 2006
MARTIN LUTHER KING HOLIDAY ............................................................. Jan. 16
FIRST DAY OF CLASSES ........................................................................... Jan. 17
LATE REGISTRATION AND DROP/ADD .............................................. Jan. 16 - 22
SPRING RECESS ........................................................................................... March 12 - 19
MID-TERM GRADES DUE ........................................................................... March 10
GRADUATION FILING DEADLINE .......................................................... March 31
COURSE WITHDRAWAL DEADLINE (in person) .................................... March 31
COURSE WITHDRAWAL DEADLINE (Sundial/ASU Interactive) ........... May 2
COMPLETE WITHDRAWAL DEADLINE .................................................. April 27
LAST DAY OF CLASSES ............................................................................ May 2
READING DAY ............................................................................................. May 3
FINAL EXAMS ............................................................................................. May 4 - 6 and 8 - 10
COMMENCEMENT ..................................................................................... May 11

ASM 792 Research
Prof. S. van der Leeuw
W 7:40 - 8:30 a.m.
ANTH 233

Students must sign the roster in the Anthropology Department office and arrange a meeting time with the individual professor.

ASM 799 Dissertation
Prof. S. van der Leeuw
W 7:40 - 8:30 a.m.
ANTH 233

Students must sign the roster in the Anthropology Department office and arrange a meeting time with the individual professor.

ASM 795 Continuing Registration
Prof. S. van der Leeuw
F 7:40 - 8:30 a.m.
ANTH 233

Students must sign the roster in the Anthropology Department office and arrange a meeting time with the individual professor.