

Anthropology

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COLLEGE OF LIBERAL ARTS

Graduate Faculty:

Adams, Jane H., Professor, *Emerita*, Ph.D., University of Illinois-Urbana, 1987; 1987.

Balkansky, Andrew K., Professor, Ph.D., University of Wisconsin, 1997; 2003. Archeology, settlement patterns, social evolution, urbanism; Mexico, Central America.

Barrios, Robert E., Associate Professor, Ph.D., University of Florida, 2004; 2006. Public anthropology, medical anthropology, anthropology of disasters, science and technology studies, postcolonial studies, Mesoamerican ethnography.

Butler, Brian M., Adjunct Professor, *Emeritus*, Ph.D., Southern Illinois University Carbondale, 1977; 1977. Archaeology, cultural resource management, prehistoric subsistence and settlement systems; southeastern and midwestern US.

Corruccini, Robert S., Professor, *Distinguished Scholar, Emeritus*, Ph.D., University of California, Berkeley, 1975; 1978.

Dabbs, Gretchen, Associate Professor, Ph.D., University of Arkansas, 2009; 2010. Bioarchaeology, Forensic Anthropology, Taphonomy; Middle East and North America.

Ford, Susan M., Professor, *Emerita*, Ph.D., University of Pittsburgh, 1980; 1979. Physical anthropology, primate paleontology and systematics (especially New World monkeys and early anthropoids), evolutionary theory, functional and comparative anatomy; South America.

Gumerman, George J., Professor, *Distinguished Scholar, Emeritus*, Ph.D., University of Arizona, 1968; 1973.

Handler, Jerome S., Professor, *Distinguished Scholar, Emeritus*, Ph.D., Brandeis University, 1965; 1962.

Hill, Jonathan D., Professor, Ph.D., Indiana University, 1983; 1986. Ethnology, ecology, history, ethnomusicology, structural-semantic analysis; Amazon.

Hofling, C. Andrew, Professor, *Emeritus*, Ph.D., Washington University, 1982; 1996. Linguistics; discourse analysis, Maya; Mesoamerica.

Maring, Ester G., Assistant Professor, *Emerita*, Ph.D., Indiana University, 1969; 1965.

Maring, Joel M., Associate Professor, *Emeritus*, Ph.D., Indiana University, 1967; 1963.

McCall, John, Associate Professor and *Chair*, Ph.D., Indiana University, 1992; 1995. Sociocultural anthropology, social theory, epistemology, history, ritual studies, medical anthropology, expressive culture; Africa.

Muller, Jon D., Professor, *Emeritus*, Ph.D., Harvard University, 1967; 1966.

Reichard, Ulrich, Associate Professor, Ph.D., Goettingen University, 1995; 2006. Primate evolution, behavior, socioecology and cognition; human origins and human evolution; Asian primates.

Rice, Don, Professor, *Emeritus*, Ph.D., Pennsylvania State University, 1976; 1991.

Rice, Prudence M., Professor, *Distinguished Scholar, Emerita*, Ph.D., Pennsylvania State University, 1976; 1991.

Riley, Carroll L., *Distinguished Professor, Emeritus*, Ph.D., University of New Mexico, 1952; 1955.

Shimada, Izumi, Professor, *Distinguished Scholar*, Ph.D., University of Arizona, 1976; 1994. Archaeology, complex societies, technology and craft production, urban and ceremonial centers, experimental archaeology; Andes.

Sutton, David, Professor, Ph.D., University of Chicago, 1995; 1999. Anthropological theory/ethnographic inquiry, social anthropology, cultural analysis.

Wagner, Mark, Adjunct Associate Professor, Ph.D., Southern Illinois University, Carbondale, 2010; 2011. Staff Archaeologist.

Welch, Paul D., Associate Professor, Ph.D., University of Michigan, 1986, 2001. Archaeology, politics and economics in midrange societies, eastern U.S. quantitative methods.

The Department of Anthropology offers graduate programs leading to the Master of Arts and Doctor of Philosophy degrees. Provided the student has been admitted to the Graduate School and meets its requirements, acceptance and continuation in the graduate program are at the discretion of the Department of Anthropology.

The philosophy of the Department of Anthropology is to produce students with broad backgrounds in the major sub-fields of anthropology and expertise in particular specialty areas. Within this philosophy, and subject to the requirements discussed below, the department offers a flexible program which will serve students with diverse needs and goals.

Admission

The applicant to the anthropology program must send a completed application for admission to graduate study and official copies of all transcripts directly to the department, and must meet all Graduate School requirements for entry. Applicants whose native language is not English must achieve a TOEFL of 600 paper score, 250 computer score, 100 on the internet based test, or higher in order to gain admittance in the program. The Graduate Record Exam (GRE) is required for all U.S. applicants. Preference will be given to applicants who score in percentiles above 40. Although not required to take the GRE prior to admittance, all foreign students are strongly encouraged to take the exam prior to entering the graduate program and are required to take the exam before the end of their first year in the program.

Applicants who wish to be considered for University Graduate School fellowships must have all application materials completed by December 15. Applicants who wish to be considered for admission into the graduate program in the fall semester of the next academic year and who wish to be considered for departmental graduate assistantships must have all application materials completed by March 1. Applications not received or completed prior to March 1 will be considered only in exceptional cases, as determined by the Director of Graduate Studies in consultation with other members of the Graduate Studies Committee.

In addition, the applicant must send a completed departmental application for admission and financial aid form, personal data sheet, statement of academic and professional goals, and arrange for three letters of recommendation to be sent to the Director of Graduate Studies of the Department of Anthropology. All necessary forms will be provided to applicants by the department. No special program of previous work is required. Applicants with academic degrees in fields other than anthropology are encouraged to apply.

This program requires a nonrefundable \$65 application fee that must be submitted with the application for Admissions to Graduate Study in Anthropology. Applicants must pay this fee by credit card.

Master's Degree Program

In addition to the master's degree requirements specified in the Graduate Catalog, the following departmental requirements apply to all M.A. degree candidates:

1. Each student must complete three core courses: ANTH 500E, the core course in their subfield, and a course determined in consultation with the chair of the MA committee. It is preferred that these courses be completed during the first year; no more than one core course can be deferred into the second year, and ANTH 500E must be completed during the first Fall semester in the program. At the end of the student's first year of study, the faculty will evaluate each student's performance in the completed core courses along with the rest of the student's record and arrive at a decision on the student's continuation in the program. This decision will take into account the overall evidence of the student's abilities, potentials, and interests.
2. Each student must complete one or more regular graduate-level courses or seminars in each of two subdisciplines of the student's choice (from among archaeological, linguistic, physical, sociocultural anthropology) beyond the core courses.
3. A further nine hours of course work will be assigned by the student's committee after consultation with the student. These nine hours may include up to four hours of graduate credit to meet tool requirements, and may not include more than three hours of independent study or thesis. No more than three hours of credit in ANTH 501, 590, 597, and 599 (thesis) may be applied toward the Graduate School requirements of 30 hours of graduate course credit and 15 hours of 500-level credit. The department requires two additional seminars (500-level course) beyond the core courses and the thesis hours.
4. Each student must demonstrate a reading competence in a relevant language foreign to the student.

Students entering the program may petition to have previously taken courses accepted for credit as equivalent to core courses in cases where the equivalence can be documented.

M.A. Degree Committee, Thesis, Research Paper. Each student in the M.A. degree program will consult with the Director of Graduate Studies and relevant faculty members to select a three-person faculty committee, which will assume major responsibility for the student's advisement. At least two members of this committee, including the chair, must be from the Department of Anthropology, and the third member may be selected from outside the department. At least the chair should be chosen by the end of the first year, and the entire committee by the end of the third term.

Under the direction of the M.A. degree committee, the student will complete a thesis and register for at least three hours of ANTH 599 while doing so. A student may submit a published paper, or one accepted for publication in an approved professional journal, instead of a thesis, or may be authorized

by the department to substitute a research paper for the thesis. Passing of a comprehensive examination on the student's entire program is a Graduate School requirement. One paper copy of the thesis, research paper, or article must be deposited with the department before the degree is granted.

An option is available, at the discretion of the departmental faculty, to allow exceptional M.A. students accelerated entry in the doctoral program at the end of their first year of M.A. study. For these students, the following are sufficient for the M.A. degree in Anthropology:

1. completion of 30 hours of coursework, including 21 hours at the 500 level (which can include up to nine hours of ANTH 598 - Research); and
2. a research paper (normally one prepared for a class in the student's subdiscipline) approved by the student's adviser and the Director of Graduate Studies, and submitted to the Graduate School.

No additional stipulations on the nature of the coursework (beyond the core courses) nor a language requirement are imposed.

The Department of Anthropology may offer direct post-baccalaureate degree entry to the doctoral program under exceptional circumstances, when a student's past work is determined to be of sufficient scope and excellence as to merit equivalence to an M.A. research degree. Students admitted under this option are subject to all existing requirements for the doctoral degree; the admissions/advisory committee for the student may add extra requirements based on the student's background.

Doctor of Philosophy Degree Program

Applicants to the Ph.D. degree program must complete the equivalent of the master's degree and apply directly to the Graduate School for admission as a doctoral student. Three letters in support of the application must be forwarded to the Director of Graduate Studies in the Department of Anthropology. Students must also supply a statement of goals for their programs and subsequent professional careers. The department will offer an accelerated entry option to students who have been admitted at the M.A. level and who are judged by the faculty of the department to be prepared to begin research at the doctoral level. Such students must complete at least one term in the M.A. degree program before being admitted at the Ph.D. level, and must then meet all retention and exit requirements for the regular doctoral option. The students need not submit the application materials required of regular applicants to the Ph.D. degree program outlined above.

Students are required to demonstrate breadth of competence in the four sub-disciplines of Anthropology. Retention beyond the first year will be determined by an evaluation of course work for the first year and the maintenance of a minimum GPA of 3.2. Students will then form a faculty committee in consultation with the Director of Graduate Studies and relevant members of the faculty. The committee must include at least five members of the graduate faculty, at least three of whom (including the chair) must be from within the department, and at least one from outside: the normal case will be four from within and one additional.

The requirements for the Ph.D. degree include the following:

1. Additional course work in anthropology and other fields

within the student's interests. Of the 24 hours of credit required to establish residency, nine must be in 500-level anthropology courses other than 500A, B, C, D, E, 501, 585, and 597. The Ph.D. committee is expected to help formulate a study program that will usually involve at least one additional academic year of full-time course work beyond the M.A. degree.

2. Research tool requirements. These vary and will be determined between the students and the committee, subject to approval of the chair of the department. In all cases a certified reading knowledge of at least one foreign language will be required and at least one other tool. Other possible tools could include, for example, computer science, statistics, a second foreign language, or a combination of these or others.
3. Administration by the committee of a special examination with both written and oral components covering topical and geographical specialties (the preliminary or candidacy exam). The student may not take the examination until two years of full-time post-baccalaureate study have been completed and SIU residency attained. The student should take this examination by the end of three years of full-time Ph.D. level work. In evaluating the examination, the committee may pass the student, pass with conditions, fail the student but allow retaking of part or all of the examination at a later time or fail the student and recommend dismissal from the program. If a student fails the examination and the committee allows reexamination, it must occur within one year of the first examination and only one retake is allowed.
4. Dissertation prospectus approved by student's committee and formally presented to the department.
5. Formal experience in teaching.

Ph.D. Candidacy. After completion of the above requirements, the department will recommend a student to the Graduate School for candidacy. The candidate will design dissertation research in consultation with the committee and will undertake the research necessary to acquire the materials for the dissertation. Candidates must register for 24 hours of credit under ANTH 600.

When a final draft of the dissertation has been accepted by the Ph.D. committee, an oral defense of the dissertation and all supporting work will be held in accordance with Graduate School requirements. After a successful dissertation defense and completion of final revisions of the text, the student must submit the dissertation to the Graduate School in accordance with its guidelines, and a paper copy to the Department of Anthropology.

Courses (ANTH)

ANTH 404-3 Art and Technology in Anthropology. An introduction to the basic ways in which people utilize the natural resources of their habitat to meet various needs, such as food, shelter, transportation, and artistic expression. The nature of art, its locus in culture, and its integration into technical society will be considered.

ANTH 405-3 How to Do Anthropological Research. This course is designed to teach students the skills needed to consume

the professional literature of anthropology intelligently. The subjects covered include: the importance of research questions or hypotheses, the logic of deducing test implications, literature search, sampling, measurement issues, data reduction and graphing, and simple inferential statistics.

ANTH 410A-3 Practicing Anthropology. This course is designed to get students acquainted with the notion of development and the challenges that the practice of anthropology faces when directed towards development and social change in both developing and developed countries. Prerequisite: ANTH 240D recommended for undergraduates.

ANTH 410D-3 Ethnomusicology: Theory and Method. This seminar examines the social, cultural, experiential, evolutionary, and historical dimensions of music. It is designed for students for whom music is a topical interest, who need to gain foundational knowledge about the theory and methods of ethnomusicology. We will review the history of ethnomusicology, major theoretical debates, and current issues.

ANTH 410E-3 Anthropology of Law. Anthropological thought on imperative norms, morality, social control, conflict resolution and justice in the context of particular societies, preliterate and civilized. Law of selected societies is compared to illustrate important varieties. Prerequisite: ANTH 240D recommended for undergraduates.

ANTH 410F-3 Anthropology of Religion. A comparative study of (religious) belief systems, with emphasis upon those of non-literate societies. Examination of basic premises and elements of these belief systems, normally excluded from discussions of Great Religions. Prerequisite: ANTH 240D recommended for undergraduates.

ANTH 410G-3 Urban Anthropology. Contemporary cities are dynamic places where populations that differ in terms of class, race, and ethnicity establish particular relationships with geographic space and architectural structures. This class is designed to teach students how to experience and analyze urban spaces from an anthropological perspective, and how to apply anthropological theory and methods in urban planning.

ANTH 410H-3 African Expressive Culture. (Same as AFR 410H) This course examines aspects of African expressive culture including the visual arts, music, dance, orature, cinema, drama and ceremony from an anthropological perspective. Particular attention is given to analysis of African expressive culture in social context and the role of the arts in the practice of politics, religion, medicine and other aspects of African life. Many of the expressive genres examined deal with historical representation and political resistance. Therefore, this course provides insights into African history and politics through the creative representations of African artists.

ANTH 410I-3 Identities: Global Studies in Culture and Power. This course surveys recent studies of sociocultural identities based on ethnicity, class, race, gender, nationality, age, language, and other criteria, as aspects of broader struggles over power and meaning. Topics to be addressed are critical analyses of identity politics in the Americas, Europe, Middle East, Asia, and other regions; historical approaches to studying identities; and ethnographic studies of transnational and diasporic communities.

ANTH 410K-3 Ecological Anthropology. An examination of the relationship of past and present human populations in the context of their natural and social environments.

ANTH 410L-3 Transcending Gender. (Same as WGSS 410) How do humans become male and female in different societies? Can men become women and women become men? What other gender possibilities exist? Is male dominance universal? What are the sources of male and female power and resistance? Do women have a separate culture? What are the relationships between gender, militarism and war? These and other questions will be examined in cross-cultural perspective.

ANTH 410M-3 Healing and Culture. This course examines systems of healing and medicine from an anthropological perspective. The theory and practice of medicine in different cultures, including Western biomedicine, are considered. Particular attention is given to the ways in which medical knowledge gains legitimacy in different social contexts and the problems which arise in culturally heterogeneous arenas when different medical paradigms contend for legitimization.

ANTH 410N-3 Anthropology of Popular Culture. An examination of recent approaches to popular culture, material culture and consumption in anthropology. Special topical focus will include sports, television and movies, food and shopping. The course will be organized around several fieldwork projects in the Carbondale community. Prerequisite: ANTH 240D recommended for undergraduates.

ANTH 410O-3 Colonialism and Post-Colonialism. This course is designed to familiarize students with the experience of colonialism and the political, social, cultural implications of it. The analysis will not be limited to the study of the colonial period, but it will examine the complexities of contemporary post-colonial societies and cultures.

ANTH 410P-3 Ethics and Research. This course examines the risks that any anthropological research poses, both in fieldwork and writing, as well as questions and dilemmas that any social scientist should be aware of before getting involved in any research practice. Prerequisite: ANTH 240D recommended for undergraduates.

ANTH 410Q-3 Food, Symbol and Society. In this course we will explore all aspects of the social uses and symbolic meanings we attach to food and eating. How do we use food to make friends, to make enemies, and to make ourselves? What is changing in our food consumption patterns? What are some of the politics and the ethics involved in producing and marketing food? What is the significance of eating out? How do we analyze the smell and taste of food cross-culturally?

ANTH 410R-3 Anthropology of Science and Technology. Technologies and scientific knowledge are commonly thought of as being universally applicable and as representations of truths about the operations of the world that are independent of culture. Anthropological studies, however, suggest that the efficacy of scientific knowledge and technologies is specific to the localities in which they are produced. This course introduces students to the primary concerns of the anthropology of science.

ANTH 410S-3 Ethnographic Research Methods. This course familiarizes students with the methods used by socio-cultural anthropologists to conduct ethnographies. Ethnographies are rich and detailed studies of people, communities, and practices that help us understand the varying ways human beings engage their environments, structure the societies and spaces they live in, communicate with one another, make meaning, shape themselves in culturally distinct ways, and make technologies and material culture. To create ethnographic knowledge,

ethnographers use a diverse tool kit including participant observation, ethnographic interviews, spatial analysis, archival research, and life histories, to name just a few. This class introduces students to these methods and also exposes them to the ethical, logistical, and theoretical complications of conducting ethnographic research.

ANTH 410T-3 Anarchy, Power and Egalitarianism: Anthropological Perspectives. This class considers anthropological evidence for and approaches to issues of power and rulership in relation to egalitarian or anarchist societies, that is, societies without arches (Greek for leaders/laws). We will look at how much societies function, what kinds of history and mythology they produce, how their exchange systems are elaborated, and why they have remained "under the radar" of the modern system of state societies. What can egalitarian/anarchist societies tell us about dominant assumptions about the nature of power and governance? How have ideas about "direct democracy" shaped new social and cultural practices? What is the relationship between these projects and movements and the larger societies in which they exist?

ANTH 410U-3 Sustainability and Disasters. This course familiarizes students with anthropological knowledge on sustainability and disasters. Students will learn about the theoretical perspectives anthropologists use to understand the ways people define and enact sustainability and the social practices that lead to environmental degradation and catastrophes. The class also provides an introduction to classic anthropological studies on the two focal subjects, the methods social scientists use to generate scholarly knowledge about human-environment relationships, and the job opportunities available in this field for practicing anthropologists.

ANTH 410V-3 Visual Anthropology. This seminar introduces students to the theories and methods of visual anthropology. Topics will vary semester-to-semester, ranging from methodologies used for ethnographic research of visual cultures, to critical analysis of photography and film/video as methodologies for ethnographic exposition.

ANTH 412-3 Visual Anthropology as a Research Methodology. The new digital technologies provide exciting new ways to conduct anthropological research and present research findings. They also raise technical, methodological, and ethical questions for researchers. This course examines these issues through readings and analysis of examples of use of these media - digital video, still photography, and web authoring - in the field and in presentation to a scholarly and larger public.

ANTH 415-3 Sociolinguistics. (Same as LING 415) History, methodology and future prospects in the study of social dialectology, linguistic geography, multilingualism, languages in contact, pidgin and creole languages, and language planning.

ANTH 416-3 Spanish in the U.S.A. (Same as LING 416) This course offers a survey of the historical, social, political, linguistic and educational issues surrounding the Spanish language in the United States. Topics to be addressed include Spanish language use and bilingualism, language maintenance and shift, education of Latino populations, Hispanic diversity, and Latino literature.

ANTH 417-3 Language Contact. (Same as LING 417) This course will introduce students to the social conditions under which language contact occurs and the cultural and linguistic consequences of such contact. Primary topics will be language

maintenance and shift, ideologies and attitudes regarding bilingualism, and language development and change, using data from a variety of languages and cultures. Designed to provide a comprehensive background for research on bi- or multilingual settings. Prerequisite: one of the following: ANTH 240B, LING 200, LING 300, ANTH 500B or LING 505.

ANTH 420-3 Mayan Texts. Detailed examination of Mayan texts written in Mayan languages in their cultural contexts. Texts may range from pre-Columbian hieroglyphic texts, colonial Mayan texts, to modern texts.

ANTH 421-3 Descriptive Phonetics and Phonology. The course introduces students to the study of phonetics and phonology from an anthropological and descriptive perspective. The course is interested in how are sounds produced and how do they then become meaningful in languages? Special attention is paid to metrical phonology.

ANTH 424-3 Native American Verbal Art. (Same as ENGL 424) This class examines the oral traditions (story-telling, poetry, song, chant, etc.) of Native American Peoples. This class focuses on the way that Native American verbal art has been presented/represented by outsiders as well as on the formal features and forms of Native American verbal art. Attention is paid to the place and structure of verbal art in Native societies. This class focuses on the broad spectrum of verbal art in North America.

ANTH 426-3 Gender, Culture and Language. (Same as WGSS 426 and LING 426) This course is designed for students who have had some exposure to gender studies. It will focus on readings in language and gender in the fields of anthropological- and socio-linguistics. Issues to be addressed are the differences between language use by men/boys and women/girls, how these differences are embedded in other cultural practices, and the various methodologies and theories that have been used to study gendered language use.

ANTH 428A-3 Languages and Cultures of the Americas-North America. (Same as ANTH 328A) This course studies the myriad of indigenous languages of the Americas. Focus is both descriptive and anthropological. Languages are considered with respect to their grammatical and discursive structures, historical relations, and their place within the sociocultural milieu of speakers. Areal focus is North America.

ANTH 428B-3 Languages and Cultures of the Americas-Mesoamerica. (Same as ANTH 328B) This course studies the myriad of indigenous languages of the Americas. Focus is both descriptive and anthropological. Languages are considered with respect to their grammatical and discursive structures, historical relations, and their place within the sociocultural milieu of speakers. Areal focus is Mesoamerica.

ANTH 428C-3 Languages and Cultures of the Americas-South America. (Same as ANTH 328C) This course studies the myriad of indigenous languages of the Americas. Focus is both descriptive and anthropological. Languages are considered with respect to their grammatical and discursive structures, historical relations, and their place within the sociocultural milieu of speakers. Areal focus is South America.

ANTH 430A-3 Archaeology of North America. Detailed study of the early cultures of North America. Emphasis on the evolutionary cultural development of North America.

ANTH 430B-3 Archaeology of Meso-America. Detailed study of the early cultures of Meso-America with emphasis on the

evolutionary cultural development of Meso-America.

ANTH 430D-3-9 (3 per topic) Art and Archaeology of the Ancient Mediterranean. (Same as AD 310A, AD 310B, AD 310C, CLAS 310A, CLAS 310B, CLAS 310C, CLAS 310HA, CLAS 310HB, CLAS 310HC) An introduction to art historical, archaeological, and historical approaches to the physical remains of the ancient Mediterranean. Emphasis normally on Greece or Rome. Can be repeated if offered on different topics. Occasionally offered overseas. No prerequisites.

ANTH 430E-3 Archaeology of Ancient Egypt. Detailed study of the early culture of ancient Egypt with emphasis on the evolutionary cultural development of Egypt. No prerequisites.

ANTH 430F-3 Archaeology of South America. Survey of the prehistory and ethnohistory of South America, including the peopling of the South American continent, the development of early cultures, the rise and fall of Andean empires, and the impact of Spanish contact and conquest.

ANTH 434-3 Advanced Origins of Civilization. A survey of the major developments of the human past, culminating in the rise of cities and states. Areal coverage varies, but generally includes the ancient Near East, Mesoamerica, Andean South America, South Asia (India and Pakistan), and China. Graduate standing required.

ANTH 440A-3 The Fossil Evidence for Human Evolution. An advanced consideration of the fossil evidence for human evolution and evaluation of the various theories regarding the course of human evolution.

ANTH 440B-3 Race and Human Variation. A consideration of the range, meaning and significance of contemporary human biological variation, including evolutionary and adaptive implications and the utility of the race concept.

ANTH 440C-3 Context of Human Evolution. This course will provide an ecological, behavioral, geological, geographic, and theoretical context from which to understand the evolutionary history of modern humans. The course is designed to complement ANTH 440A.

ANTH 441A-3 Laboratory Analysis in Archaeology: Ceramics. Being durable, abundant, and full of information about food, social customs, styles, and even ideology, pottery provides a wealth of information about past societies. This course covers the major aspects of pottery analysis, including studies of raw materials, production techniques, function, and exchange. The course is partly lecture, partly lab-based.

ANTH 441B-3 Laboratory Analysis in Archaeology: Archaeometry. This course surveys technical methods of the physical and natural sciences in archaeological analysis. Rather than focusing on a specific set of materials (as is done in the other courses in the ANTH 441 series), this course covers a broad spectrum of technical studies, including chronometry as well as the analysis of ceramics, metals, textiles, and ecofacts.

ANTH 441C-3 Laboratory Analysis in Archaeology: Lithics. This course provides an introduction to lithic analysis in archaeology. Students will be introduced to technological and functional analyses, typological studies, use-wear analysis, debitage analysis, and related subjects. The focus will be on chipped stone, but ground stone will also be considered. The overall goal is to show how lithic analysis can address broader anthropological questions.

ANTH 442-1 to 12 Working with Anthropological Collections. Management, curation, and analysis of anthropological

collections as part of a research project created by the student. May be taken independently or as a follow-up to ANTH 450, 495, 496, 497, 596, or 597.

ANTH 444-3 Human Genetics and Demography. A course in human genetics with an emphasis on population genetics and demography of modern and ancient human populations.

ANTH 450A-3 Museum Studies - Learning in Museums. (Same as AD 450A) A detailed study of museum in the context of their use of exhibitions as an educational medium. Covers the evolution of the museum as a learning environment and the application of learning theory and principles in modern museums. Emphasis is placed on practicum experiences involving the design of learning experiences and educational programs in the museum setting.

ANTH 450B-3 Museum Studies - Methodology and Display. A detailed study of museums in the context of their use of exhibitions as an educational medium. Focus on the history of museum exhibitions and instruction in the fundamentals of educational exhibit design and curatorial research. Emphasis is placed on practicum experiences involving the design of educational exhibits and curatorial research. Laboratory/field trip fee: \$20.

ANTH 450C-3 Museum Studies: Conservation of Anthropological Collections. A study of the principles and methods used in the conservation of ethnographic and archaeological materials. The course examines strategies employed in the preservation of research collections, including preventative care, treatment, research, and documentation. Emphasis is placed on material identification, object use-life, and the chemistry of organic and inorganic materials relative to conservation practices.

ANTH 455A-3 Dental Anthropology. Developmental origins of vertebrate teeth, anatomy and occlusal function, taxonomic and dietary aspects of the Primate dentition, detecting hominid origins; modern human odontology: genetics, pathology, forensic analysis. Much laboratory activity with materials.

ANTH 455B-3 Special Topics in Biological Anthropology. (May be repeated once for a maximum of 6 hours.) This course will cover special topics in Biological (Physical) Anthropology. Topics will vary between offerings and may include special or current issues in forensic research, human variation, genetics and evolution, primate behavior, ecology, conservation, or human evolution.

ANTH 455C-3 Primate Behavior and Ecology. Advanced study of the behavior and ecology of living nonhuman primates. The course will cover the geographic distribution and basic ecological features of nonhuman primates and the relationships between resource distribution, social organization, mating system and behavior which will help to reconstruct the evolution of nonhuman and human primate sociality.

ANTH 455D-3 Quantitative Methods. Classic inferential statistics as well as resampling approaches and pattern recognition philosophy: chi square, t test, ANOVA, correlation and regression, nonparametric versus parametric methods, multiple regression, all involving diverse anthropological data examples. This course in combination with Ed Psych 506 or other approved substitute satisfies a doctoral tool requirement. Does not count as a bioanthropology elective toward the M.A. degree.

ANTH 455E-3 Biomedical Anthropology. Biological disorders

and maladaptation in the human species. Major themes include epidemiological methods, the modern Epidemiological Transition to "Western" disease patterns, other transitions resulting from "discordant adaptation," diet, the relation to sociomedical anthropology, and the evolution of human disease (including osteological paleopathology) from Paleolithic to industrialized contexts.

ANTH 455F-3 Nutritional Anthropology. The anthropological investigation of diet and nutrition in past and present human populations. This course investigates the diets of our human ancestors, human food revolutions, methods used to evaluate diet and nutrition in past human populations, and contemporary issues in food production and distribution.

ANTH 455G-3 Primate Biology and Evolution. Advanced study of primate biology, evolution, and systematics, with special emphasis on primate functional anatomy and dentition. The course will cover the taxonomy of primates, the evolution of the primate radiation and primate origins, and biological features which elucidate primate relationships and help to reconstruct behavior and ecology of extinct primates.

ANTH 455H-3 Osteology. This lab-based course is for the advanced student interested in the analysis of the human skeleton. An intensive study of human skeletal anatomy, the methods used in the identification and analysis of skeletal remains in archaeological contexts, and osteological evidence for disease, diet, and trauma in past populations.

ANTH 455I-3 Comparative and Functional Primate Anatomy. Advanced study of the functional anatomy of primates with a strong emphasis on primate osteology. The course will compare biology of living primates, including humans, to elucidate adaptations in anatomy of nonhuman primates and to better understand the origins and specific anatomical adaptations in the human lineage.

ANTH 456-3 Forensic Taphonomy. Critical to the successful forensic anthropological analysis of human remains is an understanding of the events and processes that affect decomposition of biological tissues. This course is designed to teach students about a variety of process affecting decomposition of human tissues, including (but, not limited to) animal scavenging, insect activity, environmental conditions, personal characteristics of the deceased and human vectors (dismemberment, burning, burial, etc.). Prerequisite: ANTH 231 OR ANTH 455H.

ANTH 460-1 to 12 Individual Study in Anthropology. Guided research on anthropological problems. The academic work may be done on campus or in conjunction with approved off-campus (normally field research) activities. Special approval needed from the instructor.

ANTH 470A-3 People and Cultures-Africa. (Same as ANTH 310A) A survey of the prehistory, cultural history, and modern cultures of peoples in Africa.

ANTH 470D-3 People and Cultures-Europe. (Same as ANTH 310D) A survey of the prehistory, cultural history, and modern cultures of peoples in Europe.

ANTH 470E-3 People and Cultures-South America. (Same as ANTH 310E) A survey of the prehistory, cultural history, and modern cultures of peoples in South America.

ANTH 470G-3 People and Cultures-North America. (Same as ANTH 310G) A survey of the prehistory, cultural history, and modern cultures of peoples in North America.

ANTH 470I-3 People and Cultures-Mesoamerica. (Same as ANTH 310I) A survey of the prehistory, cultural history, and modern cultures of peoples in Mesoamerica.

ANTH 470K-3 People and Cultures-Native Peoples-Southwest. (Same as ANTH 310K) A survey of the prehistory, cultural history, and modern cultures of the Native Peoples of the American Southwest.

ANTH 484-1 to 9 Internship: Curation of Archaeological Collections. This internship is intended to introduce students to the management of archaeological collections through hands-on work with materials, typically those housed at the Center for Archaeological Investigations' curation facility. Students will be exposed to a variety of issues that affect local, state, and national curation facilities such as conservation, preservation, accessibility, accountability, and ethical concerns. Internship projects range from collections documentation and research to object digitalization and other special curation projects. Special approval needed from the instructor to register.

ANTH 485-3 to 9 Special Topics in Anthropology. Selected advanced topics in anthropology. Topics vary and are announced in advance. May be repeated as the topic varies. Special approval needed from the department.

ANTH 490-3 Field Methods and Analysis in Linguistic Anthropology. Includes theoretical background and a project in the linguistic aspects of culture. Prerequisite: ANTH 240B or consent of instructor.

ANTH 495-3 to 8 Ethnographic Field School. Apprentice training in the field in ethnographic theory and method. Students will be expected to devote full time to the field school. Special approval needed from the instructor.

ANTH 496-1 to 12 Field School in Archaeology. Apprentice training in the field in archaeological method and theory. Students will be expected to be in full-time residence at the field school headquarters off campus. Special approval needed from the instructor. Students will be charged a \$50 fee for supplies.

ANTH 497-3 to 6 Field School in Bioarchaeology. This course offers training in archaeological field techniques related to the excavation and analysis of human skeletal remains. Students are expected to be in full-time residence at the field school site, which may involve international travel. Offered during the summer. Special approval needed from the instructor.

ANTH 500A-3 Theory and Method in Biological Anthropology. Current topics in biological evolution and variation, including the theoretical and methodological background to each. Topics will be drawn from the four major areas of physical anthropology: genetics and evolutionary theory, primate studies, human fossil record and human variation. Special approval needed from the instructor.

ANTH 500B-3 Theory and Method in Linguistic Anthropology. Overview to enable students to identify, describe and understand the theories, methods and goals of linguistic anthropology. Emphasis is placed on the relationships of language to culture and cognition from an anthropological perspective. Topics include language origins, descriptive linguistics, language and cognition, synchronic and diachronic variation, language use in cultural context, discourse and pragmatics, writing systems and literacy. Special approval needed from the instructor.

ANTH 500C-3 Theory and Method in Archaeology. Overview of the currents and controversies in anthropological archaeology in their historical and theoretical context. Topics include

history of archaeological theory, explanation in archaeology, limitations of the archaeological record and archaeological approaches to the study of cultural variation. Special approval needed from the instructor.

ANTH 500D-3 Theory and Methods in Sociocultural Anthropology. This course is designed to enable students to identify, define and critically understand the major theories and methods of contemporary sociocultural anthropology. The course is organized into three general parts, reflecting broad areas of theoretical inquiry which have expanded most rapidly in anthropology since 1960: (1) ecological, economic and other materialist approaches; (2) cognitive, symbolic and other interpretive approaches; and (3) recent and ongoing research strategies, including critical and historical approaches. Special approval needed from the instructor.

ANTH 500E-3 History of Anthropological Theory. Covers history of pre-20th century social theory and a survey of 20th century theories in socio-cultural anthropology. Topics include: Enlightenment social theory, social evolutionism, racial formalism and the Boasian critique, relativism and functionalism; cultural materialism, cultural ecology, neo-evolutionism, ecological anthropology, structuralism, ethnohistory, interpretive anthropology, practice theory, post-modernism, and gender theory. Special approval needed from the instructor.

ANTH 501-(3-6, 3 per semester) Practicum in Educational Anthropology. This practicum provides anthropology PhD students actual classroom experience in a lower division anthropology course. Students will be involved in the teaching of designated courses. Faculty will meet with practicum members on a regular basis, critique their lectures, and together with them work out problems and plan future directions of the course. Graded S/U only. Restricted to anthropology doctoral students only.

ANTH 510-3 to 9 (3 per topic) Seminar Archaeology of North America. Seminar studying issues concerning the prehistoric and historic inhabitants of North America north of Mexico. From year to year, the precise areal and topical coverage will vary, as will the instructors. Students should consult department about subjects to be offered.

ANTH 511-2 to 9 (2 to 3 per topic) Seminar in Meso-American Archaeology. From year to year, the areal and topical coverage of this course will vary, as will the instructors. Students should consult the department about subjects to be covered.

ANTH 513-3 to 9 (3 per topic) Seminar in Archaeology. Seminars in varying topics in archaeology. Students should consult department about subjects to be covered.

ANTH 514-3 to 9 (3 per topic) Seminar in South American Archaeology. Seminar will focus upon archaeological investigations of specific cultures, regions, time periods or cultural processes in South America. From year to year the areal and topical coverage of the course will vary, as may the instructor. Students should consult the department about subjects to be covered. Prerequisite: ANTH 430F, 500C, 500D or 500E or consent of instructor.

ANTH 515A-3 to 9 (3 per topic) Seminar in Sociocultural Anthropology. Advanced seminar on theoretical perspectives in the social sciences and humanities. Topical focus will vary from year-to-year. Course may be taken again as topics vary. Extensive readings are drawn from a wide range of sources.

ANTH 515B-3 to 9 Seminar in Sociocultural Anthropology. Intensive analysis of a limited set of monographs organized around a theoretical problem or set of problems.

ANTH 516-3 to 9 (3 per topic) Seminar in the Archaeology of Complex Societies. Seminar reviews selective literatures dealing with theoretical and methodological issues in archaeological investigation of pre-industrial, regional complex societies. From year to year the topical coverage of this course will vary, as will the instructors. Students should consult the department about subjects to be offered. Prerequisite: ANTH 500C, 500D or 500E; or consent of the instructor.

ANTH 520-2 to 6 (2 to 3 per topic) Seminar in New World Ethnology. From year to year, the areal and topical coverage of this course will vary, as will instructors. Students should consult the department about subjects to be covered.

ANTH 521-2 to 6 (2 to 3 per topic) Seminar in Ethnology of Latin America. From year to year, the areal and topical coverage of this course will vary, as will the instructors. Students should consult the department about subjects to be covered.

ANTH 522-2 to 6 (2 to 3 per topic) Seminar in the Anthropology of Oceania. From year to year, the areal and topical coverage of this course will vary, as will the instructors. Students should consult the department about subjects to be covered.

ANTH 523-2 to 6 (2 to 3 per topic) Seminar in Anthropology of Africa. From year to year, the areal and topical coverage of this course will vary, as will the instructors. Students should consult the department about subjects to be covered.

ANTH 525-3 Theorizing the Body. (Same as WGSS 525) This seminar explores a broad range of theoretical readings centering on the human body. Once the province of medical science and certain schools of philosophy, recent research in the social sciences and the humanities position “the body” as a primary site of socialization, gendering, social control.

ANTH 527-3-9 Seminar in Gender. An advanced seminar in anthropological approaches to gender. Theoretical and topical approaches will vary from semester to semester. In any given semester topics may include: power, agency, ethnographies of gender, the construction of masculinity/femininity, gender diversity, gender and the state, gender and everyday. Prerequisite: ANTH 500D or consent of instructor.

ANTH 528-3 Seminar in Culture and Materiality. An advanced seminar in anthropological approaches to culture and materiality. Theoretical and topical approaches will vary depending on the instructor and semester. In any given semester topics may include: Human and non-human agency, the social and the technological, science studies, production and consumption, human-environment relations, the role of the senses in culture, and knowledge, skill and practice. Prerequisite: ANTH 500D or consent of the instructor.

ANTH 530-3 to 9 (3 per topic) Seminar in Paleoanthropology. Topics will be drawn from any dealing with the fossil and/or contextual evidence for human evolution (e.g., The Place of Neandertals in Human Evolution; Taphonomy and Paleoecology; Origins of Bipedalism). From semester to semester, the topical coverage will vary, as will the instructor. Students should consult the department about subjects to be covered.

ANTH 531-3 to 9 Seminar in Bioarchaeology. Seminars will focus on theoretical and methodological issues relating to the excavation and analysis of human skeletal remains. From

semester to semester, the topical coverage will vary, as will the instructor. Students should consult the department about subjects to be covered.

ANTH 532-3 to 9 (3 per topic) Seminar in Human Biological Variation. Topics will be drawn from any of the areas of biological variation among humans (e.g., Comparative Epidemiology, Human Sociobiology, Demography and Paleodemography, or Multivariate Pattern Recognition). From semester to semester, the topical coverage will vary, as will the instructor. Students should consult the department about subjects to be covered.

ANTH 534-3 to 9 (3 per topic) Seminar in Evolutionary Theory. Seminars will be constructed around various theoretical and/or substantive issues in current biological evolutionary theory (e.g., Issues in Paleobiology, Evolution At and Above the Species Level or Phylogenetic Systematics). From semester to semester, the topical coverage will vary, as will the instructor. Students should consult the department about subjects to be covered.

ANTH 536-3 to 9 (3 per topic) Seminar in Primate Behavior and Ecology. Topics will vary among theoretical and substantive issues in primate behavior and ecology (e.g., Primate Social Structure, Socioecology, Diet, Locomotion and Foraging Strategies, or Reproductive Strategies in Primates). From semester to semester, the topical coverage will vary, as will the instructor. Students should consult the department about subjects to be covered. Prerequisite: ANTH 455C or consent of instructor.

ANTH 538-3 to 9 (3 per topic) Seminar in Primate Evolution. Topics will vary among substantive (taxonomic), theoretical, and contextual issues in primate evolution (e.g., Catarrhine Evolution, Anthropoid Origins, Molecular vs. Fossil Evidence for Hominoid Phylogeny or The Role of Body Size and Allometry in Primate Evolution). From semester to semester, the topical coverage will vary, as will instructor.

ANTH 544-3 Discourse Analysis. (Same as LING 544) Survey of major approaches to the analysis of spoken or written discourse including speech act theory, pragmatics, interactional sociolinguistics, ethnography of communication, conversation analysis, variation analysis and critical discourse analysis.

ANTH 545-2 to 6 (2 to 3 per topic) Seminar in Anthropological Linguistics. From year to year, the areal and topical coverage of this course will vary, as will the instructors. Students should consult the department about subjects to be covered.

ANTH 546-3 Language, Gender and Sexuality: Anthropological Approaches. (Same as LING 545, WGSS 546) This course examines the study of language in society with a particular focus on how linguistic practices are part of the construction of gender and sexual identities, ideologies, social categories and discourses. Anthropological theories applied to the study of language, gender and sexuality will be covered along with a variety of methodological approaches.

ANTH 548-3 The Linguistic Anthropology of Education. (Same as LING 548) This course examines the role of language in education through a critical anthropological lens, examining educational institutions across cultures and times. Topics to be covered include the teaching of literacy, language policies and ideologies in education, the linguistic construction of identities in school settings (including national, ethnic, gender, sexuality, age, religious and social class identities) and modes of intervention to improve educational endeavors. Ethnographic

studies of education in a variety of national, cultural and linguistic contexts will be covered, as well as other discourse analysis approaches to the study of educational processes and institutions. The course is designed to bring together a wide range of material of interest to graduate students in anthropology, linguistics, education and other related fields.

ANTH 551-3 Pragmatics. (Same as LING 551) An investigation of language use in context; this incorporates both social and psychological aspects of language use. Topics to be covered in this course include speech acts; implicature; conversation analysis; and the acquisition of communicative competence by both first and second language learners. Prerequisite: ANTH 500B or LING 505.

ANTH 554-1 to 4 (1 per semester) Evolution Seminar. (Same as MBMB 554, PLB 554) Advanced topics in evolutionary biology including genetics & development, evolutionary ecology, phylogeny, paleontology, biogeography, population genetics, molecular ecology, speciation, molecular evolution, and macroevolution. Topics will vary each semester. Seminar format with group discussions and student presentations. Graded S/U. Special approval needed from the instructor.

ANTH 555-3 Curation of Biological Collections. (Same as Zoology 555) An overview of the organization and operation of modern collections involving animal, plant, and microbial specimens. Topics include specimen preparation and curation, collection databases, specimen-collection laws, and field-collection techniques. Special approval needed from the instructor.

ANTH 556-3 Phylogenetics. (Same as MBMB 556, PLB 556, and ZOO 556) An advanced introduction to modern methods of phylogenetic inference, emphasizing both theoretical background concepts and numerical approaches to data analysis. Topics include properties of morphological and molecular characters, models of character evolution, tree estimation procedures, and tree-based testing of evolutionary hypotheses. Special approval needed from the instructor.

ANTH 560-2 to 6 (2 to 3 per topic) Seminar in Comparative Social Organization. From year to year, the areal and topical coverage of this course will vary, as will the instructors. Students should consult the department about subjects to be covered.

ANTH 567-2 to 6 (2 to 3 per topic) Seminar in Anthropological Theory and Method. From year to year, the areal and topical coverage of this course will vary, as will the instructors. Students should consult the department about subjects to be covered.

ANTH 568-3 to 12 (3 per topic) Seminar in Analytical Methods in Archaeology. Seminar in definition, measurement and description of data in relation to archaeological research problems. From year to year, the topical coverage of this course will vary, as will the instructors. Students should consult the department about subjects to be offered. Special approval needed from the instructor.

ANTH 576-2 to 6 (2 to 3 per topic) Seminar in Anthropological Research Design. Supervised training in the preparation of anthropological research designs. Requirements will include completed research proposals involving the relation of data to theory and results in the general sub-areas of archaeological, physical, social and linguistic anthropology. Coverage will

vary. Students should consult the department.

ANTH 580-1 Current Topics in Evolution. (Same as MBMB 580, ZOO 580) The Evolution Discussion Group meets weekly throughout the year to discuss current evolutionary literature and the research of participants. All students and faculty with an interest in evolutionary biology are welcomed to participate.

ANTH 581-2 to 6 (2 to 3 per topic) Seminar in Anthropology. From year to year, the areal and topical coverage of this course will vary, as will the instructor. Students should consult the department about subjects to be covered.

ANTH 585-1 to 12 (1 to 3 per semester) Readings in Anthropology. Guided readings to cover special topics and fill gaps in the student's specialized anthropological background in preparation for PH.D. candidacy examination, to be arranged with department. Graded S/U. Restricted to doctoral students only. Special approval needed from the instructor.

ANTH 590-3 Internship. This provides a supervised experience in a professional setting, generally entailing supervisory, editorial, and/or administrative duties. Special approval needed from the instructor.

ANTH 595-3-6 Field Methods in Ethnology. Anthropological methods of inquiry and documentation of cultures and habitat together with appropriate instruction in the technique of field work such as photography and sound recording. Special approval needed from the instructor.

ANTH 596-6 to 18 Advanced Field Methods in Archaeology. Advanced, hands-on training in the field of archaeological method and theory. Graduate students will have extended training in supervisory and documentation tasks and roles, in addition to other field training. Students will be expected to be in residence at the field school headquarters off campus for the entire field season. Prerequisite: ANTH 496 or consent of instructor.

ANTH 597-1 to 12 Fieldwork in Anthropology. To be arranged with department. Graded S/U only.

ANTH 598-1 to 9 Accelerated Thesis. This course is restricted to students to be accelerated from the M.A. to the Ph.D. program (at the discretion of the faculty). Its purpose is to allow the student, under the guidance of his/her major advisor, to complete the research paper and other requirements of an M.A. degree. Graded S/U only. Special approval needed from the department and departmental offer of accelerated entry to Ph.D. program in Anthropology.

ANTH 599-1 to 6 Thesis. Special approval needed from the instructor.

ANTH 600-1 to 32 (1 to 12 per semester) Dissertation. Special approval needed from the instructor.

ANTH 601-1 per semester Continuing Enrollment. For those graduate students who have not finished their degree programs and who are in the process of working on their dissertation, thesis, or research paper. The student must have completed a minimum of 24 hours of dissertation research, or the minimum thesis, or research hours before being eligible to register for this course. Concurrent enrollment in any other course is not permitted. Graded S/U or DEF only.

ANTH 699-1 Postdoctoral Research. Must be a Postdoctoral Fellow. Concurrent enrollment in any other course is not permitted.