

**841. Advanced Endocrine Physiology and Pharmacology**  
Fall. 4(4-0) Interdepartmental with Physiology, Pharmacology and Toxicology, and Psychology. Administered by Physiology.  
P: BCH 461, PSL 432. R: Open only to graduate students in the Colleges of Human Medicine, Osteopathic Medicine, Veterinary Medicine, Natural Science, and Agriculture and Natural Resources.  
Basic and advanced concepts of endocrine and reproductive physiology and pharmacology.

**890. Advanced Independent Study**  
Fall, Spring, Summer. 1 to 4 credits. A student may earn a maximum of 8 credits in all enrollments for this course.  
R: Approval of department; application required.  
Investigation of topics of special interest.

**898. Master's Research**  
Fall, Spring, Summer. 1 to 6 credits. A student may earn a maximum of 10 credits in all enrollments for this course.  
R: Open only to master's students in Animal Science. Approval of department. Application required.  
Scholarly project for non-thesis (Plan B) master's degree.

**899. Master's Thesis Research**  
Fall, Spring, Summer. 1 to 6 credits. A student may earn a maximum of 99 credits in all enrollments for this course.  
R: Open only to master's students in Animal Science. Approval of department.

**935. Nutrition: Lipid and Carbohydrate Metabolism**  
Fall of even-numbered years. 3(3-0) Interdepartmental with Human Nutrition and Foods. Administered by Human Nutrition and Foods.  
R: Open only to graduate students in Food Science, Human Nutrition, Animal Science, and Nursing, and to graduate-professional students.  
Regulatory aspects of lipid and carbohydrate metabolism as influenced by nutritional status.

**936. Protein Nutrition and Metabolism**  
Spring of even-numbered years. 3(3-0) Interdepartmental with Human Nutrition and Foods.  
Nutritional and endocrine regulation of protein synthesis and degradation, protein quality assessment, protein status, protein-energy malnutrition. Protein metabolism during exercise. Metabolism, digestion, and absorption of amino acids and proteins.

**937. Mineral Nutrition and Metabolism**  
Fall of even-numbered years. 3(3-0) Interdepartmental with Human Nutrition and Foods.  
Forms and locations of mineral elements in the body, metabolic functions, deficiencies, and toxicities, interrelationships and quantitative requirements.

**938. Nutrition: Metabolism and Function of Vitamins**  
Spring of odd-numbered years. 3(3-0) Interdepartmental with Human Nutrition and Foods. Administered by Human Nutrition and Foods.  
R: Open only to graduate students in Food Science, Human Nutrition, Animal Science, and Nursing, and to graduate-professional students.  
Regulatory roles of vitamins at cellular and molecular levels.

**943. Techniques of Analyzing Unbalanced Research Data**  
Spring. 4(4-0) Interdepartmental with Forestry, Crop and Soil Sciences, Horticulture, and Fisheries and Wildlife.  
P: STT 464. R: Open only to graduate students in the College of Agriculture and Natural Resources.  
Linear model techniques to analyze research data characterized by missing and unequal number of observations in classes. Simultaneous consideration of multiple factors. Estimable comparisons. Hypothesis testing. Computational strategies. Variance and covariance components. Breeding values.

**976. Multivariate Methods in Agriculture and Natural Resources**  
Spring. 4(4-0) Interdepartmental with Forestry, and Fisheries and Wildlife. Administered by Forestry.  
P: STT 422, MTH 314. R: Open only to graduate students in the College of Agriculture and Natural Resources and in the Interdepartmental Graduate Specializations in Ecology and Evolutionary Biology.  
Application of multivariate methods to research problems. Hotelling's T-test, profile analysis, discriminant analysis, canonical correlation, principal components, principal coordinates, correspondence analysis, and cluster analysis.

**999. Doctoral Dissertation Research**  
Fall, Spring, Summer. 1 to 24 credits. A student may earn a maximum of 99 credits in all enrollments for this course.  
R: Open only to doctoral students in Animal Science. Approval of department.

## ANTHROPOLOGY ANP

### Department of Anthropology College of Social Science

**101. Introduction to Anthropology**  
Fall, Spring, Summer. 3(3-0)  
Human culture worldwide and throughout human history. Major subfields, methods, theories, and issues. World cultural diversity. Culture and world problems.

**201. Sociocultural Diversity**  
Fall, Spring, Summer. 3(3-0)  
Origins and diversity of cultural systems. Theories of culture. Patterns of kinship. Religious, economic, and political institutions.

**202. Biocultural Evolution**  
Fall, Spring, Summer. 3(3-0)  
Nature and function of culture and its relationship to human biology. Principles of change from hominid origins to present.

**220. Gender Relations in Comparative Perspective**  
Fall. 3(3-0)  
Gender relations in different cultures. Economic and domestic division of labor between the sexes as a factor underlying power differentials.

**264. Great Discoveries in Archaeology**  
Spring. 3(3-0)  
Great discoveries in archaeology that have captured the public's imagination and shaped Western thought, from Olduvai Gorge and Stonehenge to Macchu Pichu.

**270. Women and Health: Anthropological and International Perspectives**  
Fall. 3(3-0)  
Cross cultural perspectives on the health implications of differing life circumstances for women. Women as health-care consumers and providers. Health and women's life cycles.

**280. The Anthropological Film**  
Spring. 4(3-2)  
Ethnographic film as a record of vanishing cultures, as a tool for ethnological analysis, and as a source of perspectives on different cultures and variability within cultures.

**320. Social and Cultural Analysis**  
Fall, Spring. 4(4-0)  
P: ANP 101 or ANP 201. R: Completion of Tier I writing requirement.  
Major theoretical traditions of cultural anthropology. Functionalism, symbolism, structuralism, and contemporary developments.

**321. Anthropology of Social Movements**  
Fall. 3(3-0)  
P: ANP 101 or ANP 201.  
How social movements within different cultures around the world organize, create or impede change on the basis of class, religion, race, ethnicity, language, and territory.

**322. Peasants and Social Change in the Developing World**  
Spring. 3(3-0)  
P: ANP 101 or ANP 201.  
Cross-cultural perspective on patterns and variations in peasant systems worldwide. Social mechanisms with which they respond to change.

**330. Race, Ethnicity, and Nation: Anthropological Approaches to Collective Identity**  
Spring. 3(3-0)  
P: ANP 101 or ANP 201 or ANP 202. R: Not open to freshmen. Not open to students with credit in SOC 215.  
Understanding race and ethnicity. Models analyzing racial, ethnic, and national identities; boundaries; and collective identities and differentiations. Case studies from cultures worldwide.

**340. Introduction to Physical Anthropology**  
Spring. 4(3-2)  
P: ANP 101 or ANP 202.  
Problems, data, and methods of physical anthropology. Human genetics, hominid evolution, primate studies, human osteology, and human diversity. Field trips at the student's expense may be required.

**360. Introduction to Archaeology**  
Fall. 3(3-0)  
Theory, methodology, and techniques of archaeology. Applications to questions about past human behavior. History and concepts of archaeology as an anthropological subdiscipline.

**361. Paleolithic Archaeology**  
Fall. 3(3-0)  
P: ANP 101 or ANP 264 or ANP 360.  
Stone Age archaeology from the dawn of tool making to the specialized hunters and cave artists of the late Ice Age.

**363. Rise of Civilization**  
Spring. 3(3-0)  
P: ANP 101 or ANP 360.  
Archaeological evidence for the appearance and development of the world's earliest prehistoric civilizations. The nature of complex societies and the comparative evolution of states.

**370. Culture, Health, and Illness**  
Spring. 3(3-0)  
P: ANP 101 or ANP 201 or ANP 202 or ANP 270. R: Completion of Tier I writing requirement.  
Cross-cultural perspectives on the definition and treatment of illness.

**Descriptions — Anthropology  
of  
Courses**

- 410. Revolution and Social Change in Latin America**  
*Fall of even-numbered years. 3(3-0)*  
P: ANP 101 or ANP 201. R: Not open to freshmen and sophomores.  
Comparative examination of sociocultural changes leading to and created by major revolutions in Latin America.
- 411. North American Indian Ethnography**  
*Spring of odd-numbered years. 3(3-0)*  
P: ANP 101 or ANP 201.  
Social and cultural patterns of North American Indian societies. History, economy, politics, social organization, religion, and social change.
- 412. Social and Cultural Status of Latinos in the U.S.**  
*Spring of even-numbered years. 3(3-0)*  
P: ANP 101 or ANP 201 or SOC 101. R: Not open to freshmen and sophomores. Completion of Tier I writing requirement.  
Social and cultural history of Chicanos, Puerto Ricans, Cubans and Central Americans in the United States and their contributions to American society.
- 414. Anthropology of South Asia**  
*Fall of even-numbered years. 3(3-0)*  
P: ANP 101 or ANP 201.  
Anthropology of India, Pakistan, Nepal, Bangladesh, and Sri Lanka. Religion, social organization, village life, urban structures, economic organization, history, and social change.
- 415. China: Culture and Society**  
*Fall of odd-numbered years. 3(3-0)*  
P: ANP 101 or ANP 201.  
Socioeconomic and cultural continuity and change from traditional civilization to the contemporary state and the communist period. Village and urban society and their relationships.
- 416. Anthropology of Southern Africa**  
*Fall of odd-numbered years. 3(3-0)*  
P: ANP 101 or ANP 201.  
Structure and organization of major cultures. Transformations caused by global, national, and local forces.
- 417. Anthropology of East Africa**  
*Spring of even-numbered years. 3(3-0)*  
P: ANP 101 or ANP 201.  
Social and cultural organization of the peoples of eastern Africa. Relationships between states and ethnic groups.
- 420. Language and Culture**  
*Fall, Spring. 3(3-0) Interdepartmental with English.*  
P: ANP 101 or ANP 201 or ANP 320. R: Completion of Tier I writing requirement.  
Domain, issues, and methods of cultural linguistics. Relationship between language and culture. Language and ethnicity, status, and role. Pidgin and Creole languages. Crosscultural communication.
- 421. Social Anthropology**  
*Fall of odd-numbered years. 3(3-0)*  
P: ANP 101 or ANP 201.  
Social structure and social organization. The anthropological understanding of human conduct.
- 422. Religion and Culture**  
*Spring of odd-numbered years. 3(3-0)*  
P: ANP 101 or ANP 201. R: Completion of Tier I writing requirement.  
The anthropology of religion and the symbolic analysis of ritual. Theoretical and ethnographic literature.
- 423. Psychological Anthropology**  
*Spring of even-numbered years. 3(3-0)*  
P: ANP 101 or ANP 201.  
Cross-cultural perspectives on culture and personality. Enculturation, life-cycle, person and self, emotion and cognition, mental illness.
- 424. Culture and Economic Behavior**  
*Fall of even-numbered years. 3(3-0)*  
P: ANP 101 or ANP 201 or SOC 101 or EC 202. R: Not open to freshmen and sophomores.  
Relationship of economy to sociocultural phenomena in pre-capitalist and dependent capitalist societies.
- 425. Culture and Power**  
*Fall of odd-numbered years. 3(3-0)*  
P: ANP 101 or ANP 201. R: Open only to seniors and graduate students.  
Culture and systems of power. Societal rules and conventions. How and why people abide or transcend rules and conventions.
- 426. Urban Anthropology**  
*Spring of odd-numbered years. 3(3-0)*  
P: ANP 101 or ANP 201.  
The anthropological approach to urban issues. Cross-cultural perspectives on the informal economy, power, ideology, and community.
- 427. Interpretive Anthropology**  
*Fall of even-numbered years. 3(3-0)*  
P: ANP 101 or ANP 201.  
Culture as a system for interpreting experiences through shared meanings and understandings. The relationship of systems of thought to systems of action. Implications for conducting anthropological fieldwork and describing other cultures.
- 428. Environments of International Enterprise**  
*Spring of odd-numbered years. 3(3-0)*  
P: ANP 101 or ANP 201. R: Not open to freshmen or sophomores.  
Anthropological commentary on (1) issues stemming from disparate cultures and objectives of transnational organizations and host countries; and (2) cultural and power issues that affect activity in international, inter-organizational business relationships.
- 429. Ethnographic Field Methods**  
*Summer. 3(3-0)*  
P: ANP 101 or ANP 201. R: Not open to freshmen and sophomores. Completion of Tier I writing requirement.  
Field research in cultural anthropology. Research design, participant observation, relationship of techniques to methods, and ethics.
- 440. Hominid Fossils**  
*Spring of odd-numbered years. 3(3-0)*  
P: ANP 101 or ANP 202.  
Theories of human evolution during the past five million years fossil evidence.
- 441. Osteology and Forensic Anthropology**  
*Spring of even-numbered years. 4(3-2)*  
P: ANP 202 or CJ 210.  
Human bone and skeletal biology and analysis. Methods of forensic anthropology. Analysis of skeletal remains, forensic pathology, and forensic archaeology.
- 442. Genes and Diversity**  
*Fall of odd-numbered years. 3(3-0)*  
P: ANP 202.  
Controversies over the contributions of nature and nurture to biological diversity. Issues of gender differences and the race concept.
- 450. African Archaeology**  
*Fall of even-numbered years. 3(3-0)*  
P: ANP 101 or ANP 360.  
The archaeological sequence in Africa from the dawn of the Paleolithic to the late Iron Age. Key sites and the interpretation of archaeological evidence.
- 451. European Prehistory**  
*Spring of even-numbered years. 3(3-0)*  
P: ANP 101 or ANP 360.  
Patterns of change in technology, subsistence, economy, settlement, social organization, and political complexity from the earliest human occupation through the Iron Age. Major issues in European archaeology.
- 452. North American Prehistory**  
*Spring of odd-numbered years. 3(3-0)*  
P: ANP 101 or ANP 360.  
Characteristics and processes of North American prehistory on a regional level. Economic, social, political and technological change through time.
- 453. Mesoamerican Prehistory**  
*Fall of odd-numbered years. 3(3-0)*  
P: ANP 101 or ANP 360.  
Emergence and development of civilizations from first occupation to Spanish Conquest. Use of archaeology, ethnohistory, and history. Major theories of plant domestication and state evolution.
- 460. Public Archaeology**  
*Fall of even-numbered years. 3(3-0)*  
P: ANP 360.  
Federal and state legislation and regulations governing archaeology and historic preservation. Major agencies responsible for compliance.
- 461. Method and Theory in Historical Archaeology**  
*Fall of odd-numbered years. 3(3-0)*  
P: ANP 360.  
Theory and methodology in historical archaeology and its relation to history and anthropology.
- 462. Frontiers and Colonization in Historical Archaeology**  
*Spring of even-numbered years. 3(3-0)*  
P: ANP 360. R: Not open to freshmen.  
Cultural dynamics and historical archaeological research in frontier and colonizing situations. European expansion in North America.
- 463. Laboratory Methods in Archaeology**  
*Spring of odd-numbered years. 3(2-2)*  
P: ANP 360.  
Preparation and preservation of archaeological data. Conservation, cleaning, cataloguing, and classification. Analysis of lithics, ceramics, faunal and floral remains, metals, and glass.
- 464. Field Methods in Archaeology**  
*Summer. 2 to 6 credits. A student may earn a maximum of 12 credits in all enrollments for this course.*  
P: ANP 101 or ANP 360.  
Field research. Survey, excavation, mapping, data recording, and field laboratory procedures.
- 470. Food, Hunger and Society**  
*Fall of even-numbered years. 3(3-0)*  
P: ANP 201 or ANP 202 or ANP 270 or ANP 370 or HNF 150. R: Not open to freshmen and sophomores.  
Cultural, economic, social, and ecological factors affecting the production and use of food. Relationship of culture to hunger.
- 480. History of Anthropological Theory**  
*Fall of even-numbered years. 3(3-0)*  
P: ANP 201 or ANP 202; one 300-level ANP course or ANP 360.  
The 18th, 19th and early 20th century foundations of anthropological theory. Major contemporary theoretical approaches.

- 489. Anthropology Capstone Course (W)**  
*Spring. 3(3-0)*  
*P: ANP 201, ANP 202, ANP 360. R: Open only to seniors in Anthropology. Completion of Tier I writing requirement.*  
Integration of the subdivisions of anthropology. Differences between anthropology and other approaches in the social sciences. Future directions of anthropological inquiry.
- 490. Independent Study**  
*Fall, Spring, Summer. 1 to 12 credits. A student may earn a maximum of 12 credits in all enrollments for this course.*  
*R: Approval of department.*  
Individual research and reading supervised by a faculty member.
- 491. Topics in Anthropology**  
*Fall, Spring, Summer. 1 to 4 credits. A student may earn a maximum of 12 credits in all enrollments for this course.*  
*P: ANP 101 or ANP 201 or ANP 202; one 300-level anthropology course or ANP 360.*  
Selected topics in sociocultural anthropology, archaeology, physical anthropology, anthropological linguistics, or medical anthropology.
- 820. Language and Cultural Meaning**  
*Spring of odd-numbered years. 4(3-2)*  
*P: ANP 420. R: Open only to graduate students.*  
Intellectual history of 20th century linguistic thinking. Saussure's influence on cultural anthropology. Post-structuralist approaches.
- 822. Religion and Ritual**  
*Fall of even-numbered years. 3(3-0)*  
*R: Open only to graduate students in Anthropology.*  
Cross-cultural comparison of religious beliefs, values, and practices in traditional and developing cultures. Religious institutions in cultural systems. Anthropological theories of religion and culture.
- 826. International Development and Sustainability**  
*Spring of odd-numbered years. 3(3-0) Interdepartmental with Resource Development and Political Science. Administered by Resource Development.*  
Environmental, economic, political, legal, management, and cultural components of sustainable development.
- 829. Research Methods in Cultural Anthropology**  
*Spring of even-numbered years. 3(3-0)*  
*R: Open only to graduate students in Anthropology. One course in Statistics.*  
Methodological underpinnings. Project design, field strategies, research techniques, and methods of data analysis.
- 830. Kinship Studies**  
*Spring of even-numbered years. 3(3-0)*  
*P: ANP 421. R: Open only to graduate students.*  
Cultural notions of kin-relatedness. Bonds and conflicts of kinship in familial, political, and other domains.
- 831. Seminar in Cultural Ecology**  
*Fall of even-numbered years. 3(3-0)*  
*R: Open only to graduate students. Approval of department.*  
Anthropological theories for understanding culture as system of mediation between humans and environment. Cultural ecological approaches applied to sociocultural change and stability.
- 832. Class and Ethnicity in Social Differentiation**  
*Fall of odd-numbered years. 3(3-0)*  
*R: Open only to graduate students. Approval of department.*  
Anthropological theories on nature and sources of social differentiation and inequality within cultures and ethnic communities. Class and ethnic identity in cultural contexts.
- 833. Ethnographic Analysis**  
*Fall of even-numbered years. 3(3-0)*  
*R: Approval of instructor.*  
Methodological and theoretical issues in the analysis of the ethnographic monograph.
- 834. Medical Anthropology I: Overview**  
*Fall. 3(3-0)*  
*R: Approval of department.*  
Anthropological approaches to the study of sickness, disease, and healing. Medical anthropology as a sub-discipline.
- 835. Medical Anthropology II: Theoretical and Applied Issues**  
*Spring. 3(3-0)*  
*P: ANP 834. R: Approval of department.*  
Seminar in the description and analysis of themes in medical anthropology.
- 836. Theories of Sociocultural Change**  
*Fall of even-numbered years. 3(3-0)*  
*R: Open only to graduate students.*  
Theoretical and methodological issues. Major theorists and models.
- 837. Seminar in Economic Anthropology**  
*Spring of even-numbered years. 3(3-0)*  
*P: ANP 424 or approval of department. R: Open only to graduate students in Anthropology.*  
Central research topics in the economic anthropology of peasant societies. Dependent capitalist formation and marginal sectors.
- 838. Agrarian Systems and Social Transformation**  
*Fall of odd-numbered years. 3(3-0)*  
Structure and organization of agrarian societies. Transformations caused by global, national and local forces.
- 839. Age and Gender**  
*Fall of odd-numbered years. 3(3-0)*  
*R: Open only to graduate students.*  
Cultural construction of age and gender. Effects on the individual and society.
- 840. Biocultural Evolution**  
*Fall. 3(3-0)*  
*R: Open only to graduate students in Anthropology. One course in human evolution.*  
Major contemporary issues in evolutionary theory, taxonomy, and the evolution of biology and culture.
- 841. Physical Anthropology**  
*Spring of odd-numbered years. 3(3-0)*  
*R: Open only to graduate students. Approval of department.*  
Controversies in biological anthropology. History of physical anthropology and current theoretical perspectives. Critical approaches to research design.
- 842. Human Osteology**  
*Spring of even-numbered years. 5(4-2)*  
*R: Approval of department.*  
Human bone biology, skeletal anatomy, and osteological analysis.
- 843. Nutritional Anthropology**  
*Spring of odd-numbered years. 3(3-0)*  
*P: ANP 470 or approval of department.*  
Food, foodways, and nutrition in different cultural systems. Production, storage, processing, and consumption. The social significance of eating, foods, and body image. Research methods.
- 850. Principles of Archaeological Analysis**  
*Spring of odd-numbered years. 3(3-0)*  
*P: GEO 465 or approval of instructor. R: Open only to graduate students.*  
Formal, spatial, and temporal dimensions of archaeological research design. Appropriate analytic techniques.
- 853. Evolution of Civilization**  
*Spring of even-numbered years. 3(3-0)*  
*R: One 300- or 400-level archaeology course and approval of department.*  
Major anthropological theories of the emergence and development of civilizations. Role of archaeological data in formulating, testing, and refining these theories.
- 854. Archaeological Theory**  
*Fall of even-numbered years. 3(3-0)*  
*R: One 300- or 400-level archaeology course and approval of department.*  
Archaeological theory and the nature of the archaeological record. Use of archaeological data to test social theories of past human behavior.
- 855. The Roots of Contemporary Anthropological Theory**  
*Spring. 3(3-0)*  
Development of contemporary anthropological theory from 18th and 19th centuries. Major paradigms in current anthropology.
- 867. Social Impact Analysis**  
*Fall of even-numbered years. 3(3-0) Interdepartmental with Sociology.*  
Sociocultural consequences of development programs on populations, communities, and regions in developing and industrial societies. Theory, purposes, methods, outcomes, and uses of social impact analysis.
- 880. Issues in Contemporary Archaeology**  
*Fall of odd-numbered years. 3(3-0)*  
*R: Open only to graduate students in Anthropology. One 300- or 400-level archaeology course. Approval of department.*  
Theories, issues, problems, and methodological innovations affecting the conduct of research in archaeology.
- 890A. Individual Readings**  
*Fall, Spring, Summer. 1 to 8 credits. A student may earn a maximum of 16 credits in all enrollments for this course.*  
*R: Open only to graduate students. Approval of department.*  
Advanced study, based on prior preparation, under faculty direction.
- 890B. Individual Research**  
*Fall, Spring, Summer. 1 to 8 credits. A student may earn a maximum of 16 credits in all enrollments for this course.*  
*R: Approval of department.*  
Graduate student projects under faculty direction.
- 892. Seminar in Anthropology**  
*Fall, Spring, Summer. 1 to 4 credits. A student may earn a maximum of 12 credits in all enrollments for this course.*  
*R: Open only to graduate students in Anthropology. Approval of department.*  
Studies in selected fields.

**Descriptions — Anthropology  
of  
Courses**

**899. Master's Thesis Research**  
Fall, Spring, Summer. 1 to 3 credits. A student may earn a maximum of 99 credits in all enrollments for this course.  
R: Open only to graduate students in Anthropology. Approval of department.

**999. Doctoral Dissertation Research**  
Fall, Spring, Summer. 1 to 24 credits. A student may earn a maximum of 99 credits in all enrollments for this course.  
R: Approval of department.

**ARABIC**

**ARB**

**Department of Linguistics and  
Germanic, Slavic, Asian and  
African Languages  
College of Arts and Letters**

**101. Elementary Arabic I**  
Fall. 4(4-1)

Basic standard Arabic, Speaking, listening comprehension, reading and writing, with emphasis on developing oral proficiency skills.

**102. Elementary Arabic II**  
Spring. 4(4-1)

P: ARB 101 or approval of department.  
Further work on speaking, listening comprehension, reading and writing of standard Arabic, with continued emphasis on developing oral proficiency skills.

**201. Second-Year Arabic I**  
Fall. 4(4-0)

P: ARB 102 or approval of department.  
Intermediate-level work on speaking, listening comprehension, reading and writing of standard Arabic, with increased emphasis on reading and culture.

**202. Second-Year Arabic II**  
Spring. 4(4-0)

P: ARB 201 or approval of department.  
Further intermediate-level work on speaking, listening comprehension, reading and writing standard Arabic, with continued increased emphasis on reading and culture.

**290. Independent Study**

Fall, Spring. 1 to 4 credits. A student may earn a maximum of 8 credits in all enrollments for this course.

R: Approval of department.  
Special projects arranged by an individual student and a faculty member in areas supplementing regular course offerings.

**490. Independent Study**

Fall, Spring. 1 to 4 credits. A student may earn a maximum of 8 credits in all enrollments for this course.

R: Not open to freshmen and sophomores. Approval of department.  
Special projects arranged by an individual student and a faculty member in areas supplementing regular course offerings.

**491. Special Topics in Arabic Studies**

Fall, Spring. 1 to 4 credits. A student may earn a maximum of 8 credits in all enrollments for this course.

R: Approval of department.  
Special topics supplementing regular course offerings proposed by faculty on a group study basis.

**ARTS AND LETTERS AL**

**College of Arts and Letters**

**192. Arts and Humanities Freshman Seminar**

Fall, Spring. 4(4-0)  
P: Designated score on English placement test or ATL 1004. R: Not open to students with credit in MC 111 or MC 112 or LBS 133 or ATL 110 or ATL 115 or ATL 120 or AL 125 or ATL 130 or ATL 135 or ATL 140 or ATL 145 or ATL 150 or ATL 195H or AL 192H.  
Drafting, revising, and editing compositions derived from readings on selected arts and humanities topics to develop skills in narration, persuasion, analysis, and documentation. Fulfills Tier I writing requirement.

**192H. Arts and Humanities Freshmen Seminar**

Fall, Spring. 4(4-0)  
R: Open only to freshmen Honors College students or approval of college. Designated score on English placement test. Not open to students with credit in AL 192 or MC 111 or MC 112 or LBS 133 or ATL 110 or ATL 115 or ATL 120 or ATL 125 or ATL 130 or ATL 135 or ATL 140 or ATL 145 or ATL 150 or ATL 195H.  
Critical reading, writing and understanding of modes of discourse. Interdisciplinary topics vary by instructor. Fulfills Tier I writing requirement.

**201. Writing Tutorial**

Fall, Spring. 2(1-2)  
P: Grade of 1.0 or 1.5 in Tier I writing course. C: IAH 201 concurrently.  
Development of writing skills involved in learning and in thinking about and critically reading complex texts.

**292. Introduction to Ancient Studies**

Fall. 2(1-2) Interdepartmental with Classical Studies, History, and History of Art.  
Methods and current trends in the study of the Greek and Roman world. Visits to library and museum collections.

**390H. Interdisciplinary Perspectives in the Arts and Humanities**

Fall, Spring. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course.  
R: Open only to Honors College students and to other students with approval of College of Arts and Letters.  
In-depth selected topics in the arts and humanities drawing on materials and methods of several disciplines.

**400. Overseas Study in Arts and Letters**

Fall, Spring, Summer. 2 to 8 credits. A student may earn a maximum of 8 credits in all enrollments for this course.

R: Not open to freshmen and sophomores. Approval of college.  
Supervised study of selected topics in the arts, languages, history, philosophy, and religious studies, in relation to particular cultural sites, museums and institutions.

**450. Arts Management**

Fall of odd-numbered years. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course.  
R: Not open to freshmen and sophomores.  
Arts organization administration and facilities management. Operations and procedures of performing companies. Funding and financial structure. Audience development and marketing.

**485. Museum Studies**

Fall of even-numbered years. 3(3-0) Interdepartmental with History of Art.  
R: Not open to freshmen and sophomores.  
Activities, functions and organization of museums; the changing role of museums as cultural institutions.

**486. Museum Exhibitions: Theory and Development**

Spring. 3(2-2)  
R: Open only to seniors and graduate students.  
Theoretical and practical approaches to the planning, design, development, installation, and evaluation of museum exhibitions. Field trip required.

**487. Approaches to Museum Education**

Summer. 3(3-0)  
R: Open only to seniors and graduate students.  
Theoretical and practical approaches to the design and development of interpretive materials and programs within museums. Design and development of research and projects.

**491. Special Topics**

Fall, Spring, Summer. 1 to 4 credits. A student may earn a maximum of 8 credits in all enrollments for this course.  
R: Approval of department.  
Special topics supplementing regular course offerings proposed by faculty on group study basis.

**493A. Arts and Letters Internship**

Fall, Spring, Summer. 2 to 8 credits. A student may earn a maximum of 8 credits in all enrollments for this course.  
R: Not open to freshmen and sophomores. A student may earn a maximum of 8 credits in AL 493A and AL 493B combined. Completion of Tier I writing requirement, 12 credits in the major. Approval of college.  
Supervised preprofessional field experience in the arts and humanities.

**493B. Arts and Letters Publications Internship**

Fall, Spring, Summer. 2 to 4 credits.  
R: Not open to freshmen and sophomores. A student may earn a maximum of 8 credits in AL 493A and AL 493B combined. Completion of Tier I writing requirement. Approval of college.  
Introduction to all aspects of preparing College of Arts and Letters publications. Newsletters, brochures, and special events flyers.

**493C. Museum Internship**

Fall, Spring, Summer. 2 to 3 credits. A student may earn a maximum of 6 credits in all enrollments for this course. Interdepartmental with History of Art.  
R: Not open to freshmen and sophomores. Approval of college.  
Activities, functions and organization of a university art museum.

**820. Humanistic Perspectives on Health**

Fall. 3(3-0)  
R: Open only to students in the M.A. program in Health and Humanities.  
Multidisciplinary perspectives on health care and medicine, emphasizing linkages among the humanistic and scientific disciplines.

**821. Proseminar in Comparative Literature**

Fall. 3(3-0) Interdepartmental with English, Romance Languages, and Linguistics and Languages.  
R: Approval of college.  
History and practice of comparative literature including foundational concepts and current directions.

**822. Methods of Comparative Literature**

Spring. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course. Interdepartmental with English, Romance Languages, and Linguistics and Languages.  
P: AL 821 or approval of college. R: Open only to graduate students in College of Arts and Letters.  
Case studies in international literary tradition, reception, and transmission. Approaches to genre and period. History and aesthetics of reception.