SENATE RESOLUTION 49-01

Motion: Approval of Courses in Chemistry, Anthropology, History, and Psychology (Consent Calendar)

Passed at the December 14, 2001 meeting of the Academic Senate

APPROVALS:

Date: 1/18/02

Dennis Muraoka
Chair, Academic Senate

Date: 1/18/2

Richard Rush
President, CSU Channel Islands

California State University Channel Islands **• NEW COURSE •**

1. Desired term Fall **and year** 2002 **of implementation for this course.**

	YES	NO
2. Consider for G.E. If yes, fill out sections 18 and 19 of this form.		x
3. Is this a variable-topics (generic) course?		

4. Course abbreviation and Number:
5. Title:
6. Number of Units:

HISTORY COURSE LIST

HIST 211 World History: Origins to 1500

This survey examines world civilizations from the Neolithic era to the European colonization of the Western Hemisphere. Topics may include, and are not limited too, the development and growth of religions, commerce, and other cultural institutions.

HIST 212 World History: Since 1500

This survey examines world civilizations from both regional and global perspectives. Topics may include, and are not limited too, the development and growth of religions, commerce, and other cultural institutions.

HIST 270 The United States to 1877

Survey of the political, social, economic as well as cultural institutions of the United States from the pre-colonial era to reconstruction. Issues of multiculturalism, race, sexuality, and gender frame many of the problems examined in the course. (Title V)

HIST 271 The United States since 1877.

Survey of the political, social, economic as well as cultural institutions of the United States from the gilded age to the present. Issues of multiculturalism, race, sexuality, and gender frame many of the problems examined in the course. (Title V)

HIST 333. History of Southern California Chicana/o Art (3) (*interdisciplinary GE*)

A survey of the Southern California Chicana/o culture exploring the genesis, vitality and diversity represented in the painting, sculpture and artistic traditions of Mexican American artists. Historical movements, politics, cultural trends and Mexican folklore underlying the development of this dynamic style of art will be investigated within a variety of contexts. *(Cross-listed with ART 333)*

HIST 334 Narratives of Southern California (3) *(interdisciplinary GE)*

Ours is a region made up of many cultures which produce the one we call "Southern Californian." In this class we will take a historical approach to study of the narratives--oral, written and filmed--of Southern California. Course work may also include obtaining oral histories and compiling them. *(Cross-listed with ENGL 334)*

HIST 335 American Ethnic Images in Novels and Film (3) *(interdisciplinary GE)*

American Ethnic Images in Novels and Film examines the portrayal of ethnic groups from an interdiscplinary perspective that includes, but is not limited to, literary, historical, and anthropological modes of analysis. The course highlights the ways in which artistic works have shaped the intellectual landscape of the United States as they relate to ethnic peoples. *(Cross-listed with ART 337, ENGL 335 and ANTH 335)*

HIST 350 Chicano History and Culture

An examination of the settlement and culture of Mexicanos in the Southwest to the present. Particular attention is given to the relationship of Mexicanos to the political and economic institutions of the United States. (Title V)

HIST 365 Themes in World Civilization Before 1500

Compares and contrasts the cultural, economic, political, and social development of World Civilizations before 1500.

HIST 366 Themes in World Civilization Since 1500

Compares and contrasts the cultural, economic, political, and social development of World Civilizations since 1500.

HIST 367 Conquests and Colonization (3)

Investigates the forces and dynamics of one or more civilizations influencing or dominating another. Depending on the focus, the courses will vary in its chronological parameters.

HIST 369 California History and Culture

Examines the cultural and institutional development of California prior to the 16th century and since.

HIST 370 United States Colonial History

Examines the European colonization of the United States from the 1600s to the French and Indian War. The transformation of social, political, and cultural institutions of Europe in the North America are studied.

HIST 371 The Founding of the United States

Study of the Revolutionary era and its influence on the constitution of the nation politically as well as socially.

HIST 372 United States Industrialization and Progressivism

This course examines the nation's geographic and industrial expansion. Social and political problems will also be examined to the end of World War I.

HIST 373 United States History During Peace and War, 1918-1945

Studies the impact of domestic as well as international affairs upon life and society between World Wars I and II.

HIST 374 United States since1945

Examines the social and political movements of the nation after World War II. Among the various topics of the course, specific attention is given to how international affairs influenced domestic policy politically as well as socially.

HIST 369 California History and Culture

Examines the cultural and institutional development of California prior to the 16th century and since.

HIST 402 Southern California History and Culture

Examines the cultural, economic, political, and social experience of Mexicanos of the region since the American conquest to the 1990s. Particular attention is given to the interactions of this community with other ethnic and racial groups. Although designed within the disciplinary framework of history, the course utilizes literature, film, and art as mediums of learning about the culture and history of Chicanos.

8. Grading Method:

_x_ Normal (N) *(Allows Letter Grade +/-, and Credit/No Credit)*
_____ Credit/No Credit or Satisfactory Progress Only (CSP)

9. Explain the reasoning for this grading option.

10. Mode of Instruction:

Lecture: _____ Lab: _____ Activity: _____ Other: _____
Please specify: _____

11. Course Requires Consent for Enrollment?

_____ **Yes** _____ **No**

_____ Faculty _____ Credential Analyst _____ Director/Chair/AVP

12. Course Can be Taken for Credit More than Once?

_____ **Yes** _____ **No**

If yes, how many times _____ (including first offering)

13. Is Course Cross-listed:

_ ____ **Yes** _ **No x**

If yes, indicate which course(s) _____ and obtain signature from other discipline(s)

14. Prerequisite(s):

15. Corequisite(s):

16. What resources are needed to offer this course (including technology)?

17. How frequently will this course be offered?

18. If this course is proposed for General Education, indicate which of the following categories would be satisfied by this course by marking an "X" on the appropriate lines. You may select more than one area if the course is interdisciplinary.

	A1: English Writing
	A2: Oral Communication
	A3: Critical Thinking
	B1: Life Sciences
	B2: Physical Sciences
	B3: Mathematics

	C1: Fine Arts
	C2: Literature
	C3: Languages & Cultures
	D: Social Perspectives
	E: Human Psychological & Physio. Perspectives

Lab included? Yes _____ No _____

19. If this course is proposed for General Education, justify why the course should qualify for consideration as a General Education course. (1) Courses numbered 330-349 and 430-449 must be interdisciplinary in nature with the 330-349 courses not requiring prerequisites. Briefly state how the disciplines will be integrated in these courses. (2) Explain how the course meets the goal for categories (A – E) above.

20. Record of Consultation:

The faculty member proposing a new course is responsible for consulting with Program Coordinators whose programs might be affected by the new course. How much overlap is there with existing courses? Will the new course enhance or detract from existing courses and degrees? Attach additional pages if needed.

Date	Department/Program	Faculty Member	Concur?

APPROVAL SIGNATURES:

Originator _____ Date _____

General Education Committee (if used for GE) _____ Date _____

Other Discipline(s) _____ Date _____

Curriculum Committee _____ Date _____

PSY 220 Human Sexual Behavior (3)

3 hours lecture per week
Prerequisite None
This course covers knowledge about the processes and variations in: sexual functions and reproduction; intimate relationships; sexual and gender role development and behavior; and the social, cultural, historical and moral contexts of sex and love.

PSY 315 Cognition and Learning (3)

3 hours lecture per week
Prerequisite PSY 300 or consent of instructor
This courses examines psychological theories of cognition as they apply to learning. Theories introduced in this course will seek to explain learning phenomenon and provide a conceptual framework for understanding and discussing behavior and cognition. Practical applications and current research in the cognitive sciences will also be discussed.

PSY 333 Measurement and Testing of Groups and Individuals (3)

3 hours lecture per week
Prerequisite None
This course covers the principles of measurement as applied to group standardized measures of achievement, special aptitude, intelligence, personality, and interest for use in educational settings. This course will also survey the administering, scoring, and interpreting of these measures. Language and culture issues related to testing will be discussed

PSY 336 Archetype West (3)

3 hours lecture per week
Prerequisite Some writing ability or consent of instructor
This course seeks to explore the literary history of California and the psychological archetype of the West. The course will examine the psychological meaning of what it means to be a Californian, to live in the West, the literary & psychological movements that have happened here in the last 50 years, the psychological influence of the natural world of the West coast on poets and writers, as well as the perspectives from the different cultures represented on the West coast. Students will be expected to explore their own relationship to the West through writing fiction and poetry, dream journals, etc., and other ways of accessing the unconscious.

PSY 338 Psychology of Art and Artists (3)

3 hours lecture per week
Prerequisite None

An inquiry into the mind of the artist and the emotional dynamics that underlie the creative process. Emphasis is placed on deciphering personal allegory and universal symbolism hidden within a wide range of visual and conceptual genres. Concepts underlying the evolution of artistic style, spirituality, and aesthetics in traditional Eastern and Western cultures will also be examined.
Same as ART 336

PSY 345 Individuals with Disabilities and Society (3)

3 hours lecture per week
Prerequisite None
Major types of disabilities and giftedness, including definitions, causes, characteristics, and educational implications. Disability perspectives. Social, legal, and educational considerations of disability issues.
Same as SPED 345

PSY 349 Traditional and Alternative Views of Healing (3)

3 hours lecture per week
Prerequisite None
This course surveys the history and cultural contexts of health and healing from around the world. Through presentations of different medical traditions, the psychological, cultural, practical, and spiritual dimensions of traditional and alternative healing systems will be elucidated. When appropriate the empirical, theoretical and scientific foundations of selected healing systems will be discussed. This course will also attempt to place traditional Western modes of healing including biomedicine and clinical psychology in context of some of the other traditions.

PSY 350 Clinical and Counseling Psychology (3)

3 hours lecture per week
Prerequisite PSY 300 or consent of the instructor
This course introduces students to the clinical practice of psychology. The major theories of psychotherapy and the process of psychotherapy will be covered as well as other modalities for the treatment of mental and behavioral disorders such as learning therapies and psychopharmacology. The course will also seek to develop an awareness of ethnic and cultural differences related to the practice of psychology.

PSY 457 Criminal Behavior (3)

3 hours lecture per week
Prerequisite PSY 300 or consent of the instructor
This course introduces students to the fundamentals of criminal psychology through the study of the psychological factors which relate to or cause criminal behavior in individuals. The practice of forensic psychology, the legal system, law enforcement psychology, prison psychology, and the criminal

behavior of groups will also be discussed.

PSY 461 Advanced Topics in Child and Adolescent Development (3)

3 hours lecture per week
Prerequisite PSY 310
This course represents an in-depth study of aspects of growth and development which influence behavior of the school-age children and adolescents. Using primary sources and current research findings students will gain an understanding of research methods in child development and a critical appreciation of the practice of child psychology. Different areas of child and adolescent development will be considered from cross-cultural perspectives.

PSY 473 Bizarre Behavior and Culture Bound Syndromes (3)

3 hours lecture per week
Prerequisite PSY 350 or consent of instructor
This course examines behaviors, which seem to be at the extreme edge of the human repertoire. Nevertheless, such behaviors have at different times and cultures been considered normal. Students in this course will examine such behaviors with an open mind, while attempting to understand that so-called normal behaviors in our own culture could be construed as 'bizarre.

PSY 482 Seminar in Quantitative Methods (3)

3 hours lecture per week
Prerequisite PSY 440 and PSY 441, or consent of
This course examines various quantitative methodologies in detail. Topics can vary but may include non-parametric methods such as logistic, survival analysis, and non-linear regression.

PSY 489 Advanced Topics in Psychology (1-3)

3 hours lecture per week
Prerequisite PSY 300 or consent of instructor
A seminar course, which provides an in-depth study of some aspect of psychology. Content varies and so the course is repeatable.

PSY 490 Psychological Internship or Service Learning (1-3)

3 hours lecture per week
Prerequisite Upper division standing as a Psychology
Supervised work/volunteer experience in an appropriate setting with supervision in the field from an appropriate person with credentials and/or experience in a specialty related to psychology. Students are required to write a report of their experience.

PSY 492 Independent Research in Psychology (1-3)

3 hours lecture per week

Prerequisite Upper division standing as a Psychology
Research project for undergraduate students supervised by members of the psychology faculty. Research to be elected on basis of interest of student. A written report of the research is required.

PSY 494 Directed Study in Psychology (1-3)

3 hours lecture per week
Prerequisite Upper division standing as a Psychology
An intensive study of some aspect of psychology, Usually via an in-depth review of the literature. Intended for undergraduate students supervised by members of the psychology faculty. A written report summarizing the study is required.

PSY 499 Senior Capstone Course (1-3)

3 hours lecture per week
Prerequisite Senior standing as a Psychology major
This course is an interdisciplinary experience in which students work in teams, contributing their expertise to a community-based project group.

CHEMISTRY COURSE DESCRIPTIONS

CHEM 100: Chemistry and Society (4)
Three hours of lecture and one three-hour lab a week. Lab fee required.
Prerequisite: None
An introduction to the basic principles of chemistry and a consideration of the benefits and problems arising from applications of chemistry. Discussions of foods and food additives, drugs, plastics and other materials of everyday life, fuel sources, the atmosphere, and fresh water. Suitable for general education credit. Intended for the non-chemistry major.
GenEd: B1

CHEM 105: Introduction to Chemistry (3)
Three hours of lecture a week.
Prerequisite: A qualifying score on the ELM Examination or satisfying the ELM exemption requirements.
A one-semester course that introduces the basic principles and concepts in Chemistry. Topics covered include: measurements, units and unit conversion, scientific notation, stoichiometry, atomic structure, the concept of the mole, types of compounds, and problem solving. Intended for the non-chemistry major.

CHEM 110: Who Done it? An Introduction to Forensics (3)
Three hours of lecture a week.
Prerequisite: None
Interdisciplinary approaches to forensic science, with lectures based on Anthropology, Art, Biology, Chemistry, Computer Science, History, Literature, Physics, Psychology, Sociology. How have fictional detectives in novels, TV, and film reflected and influenced forensics? How have scientific and archaeological methods been incorporated into crime scene analysis? How have crimes been viewed and punished through time? How have different cultures defined crimes? How do forensic specialists identify forgeries in art, cartography, and documents? How have computer scientists contributed to forensics? How are cybercrimes solved? How do psychologists profile criminals? How do biologists use DNA, pollen, seeds, and insects to solve crimes? How do chemists and physicists analyze forensic materials? Intended for the non-chemistry major.
Same as ANTH 110. GenEd: B1, D

CHEM 121: General Chemistry I and Laboratory (4)
Three hours of lecture and one three-hour lab a week. Lab fee required.
Prerequisite: A passing score on the Chemistry Placement Examination or credit in CHEM 105 within the preceding year. One year of high school chemistry is strongly recommended.
An introductory chemistry course which provides an overview of the chemical and physical behavior of matter with a focus on qualitative and quantitative general inorganic, physical, and analytical chemistry.
GenEd: B1

CHEM 122: General Chemistry II and Laboratory (4)
Three hours of lecture and one three-hour lab a week. Lab fee required.
Prerequisites: CHEM 121 with a grade of C or better
An introductory chemistry course which provides an overview of the chemical and physical behavior of matter with a focus on quantitative general inorganic, physical, and analytical chemistry including kinetics and thermodynamics of reactions, gas phase and solution equilibria, and qualitative aspects of radiochemistry, organic chemistry, and polymer chemistry.
GenEd: B1

CHEM 123: General Chemistry I Learning Community (1)
One hour of recitation section each week.
Prerequisite: Must be taken concurrently with CHEM 121
An instructor/peer-supervised interactive problem-solving session for students in CHEM 121 where students work in small groups on problems related to the content in CHEM 121.

CHEM 124: General Chemistry II Learning Community (1)
One hour of recitation section each week.

Prerequisite: Must be taken concurrently with CHEM 122
An instructor/peer-supervised interactive problem-solving session for students in CHEM 122 where students work in small groups on problems related to the content in CHEM 122.

CHEM 170: Physical Sciences for the Elementary School Teacher (4)
Three hours of lecture and one three-hour lab a week. Lab fee required.
Prerequisite: None
Designed to provide K-8 elementary school teachers with an understanding of the physical sciences (Chemistry and Physics) with a focus on (1) the structure and properties of matter and (2) the principles of motion and energy. The areas covered in this course include the physical properties of solids, liquids, and gases; physical and chemical changes in matter; atomic theory and the periodic table; the principles of motion and energy; forces and the motion of particles; sources and transformations of energy including heat, electricity, magnetism, light, and sound; renewable and non-renewable energy sources; and the conservation of energy resources. The laboratory component of this course focuses on demonstrations for the K-8 classroom. Intended for the non-chemistry major.
GenEd: B1, B2

CHEM 250: Quantitative Analysis (2)
Two hours of lecture each week.
Prerequisites: Must be taken concurrently with CHEM 251. CHEM 122 with a grade of C or better.
An examination of the theory and techniques involved in the quantification of inorganic, organic, and biological species from samples with an emphasis on the environmental, biological, and medical applications of the analysis techniques.

CHEM 251: Quantitative Analysis Laboratory (2)
Two three-hour labs a week. Lab fee required.
Prerequisite: Must be taken concurrently with CHEM 250
A laboratory course designed to provide students with an exposure to the techniques used in the quantification of inorganic, organic, and biological species from samples using gravimetric and volumetric analyses, potentiometric titrations, atomic absorption spectrometry, UV-visible spectroscopy, GC, and GC/MS.

CHEM 311: Organic Chemistry I (3)
Three hours of lecture each week
Prerequisites: CHEM 122 with a grade of C or better
The structure and reactions of simple organic molecules and spectroscopic techniques (NMR, GC-MS, IR, and UV-visible) used to characterize molecules. Students interested in pre-professional programs (pre-medical, pre-veterinary, pre-dental, and pre-pharmacy) should take this course.

CHEM 312: Organic Chemistry I Laboratory (1)
One three-hour lab a week. Lab fee required.
Prerequisite: CHEM 311 (or taken concurrently with CHEM 311) with a grade of C or better
A laboratory course designed to provide students with an exposure to the techniques and hands-on access to the instrumentation (NMR, GC, GC-MS, LC, IR, and UV-visible) used to purify and characterize organic molecules resulting from organic reactions.

CHEM 313: Organic Chemistry I Learning Community (1)
One hour of recitation section each week.
Prerequisite: Must be taken concurrently with CHEM 311
An instructor/peer-supervised interactive problem-solving session for students in CHEM 311 where students work in small groups on problems related to the content in CHEM 311.

CHEM 314: Organic Chemistry II (3)
Three hours of lecture each week
Prerequisite: CHEM 311 with a grade of C or better.
An examination of the structure, reactions, and spectroscopy of organic compounds containing one or more functional groups, and the structures and reactions of biologically relevant molecules. Students interested in pre-professional programs (pre-medical, pre-veterinary, pre-dental, and pre-pharmacy) or a obtaining a minor in Chemistry should take this course.

CHEM 315: Organic Chemistry II Laboratory (1)
One three-hour lab a week. Lab fee required.
Prerequisites: CHEM 311, 312, and 314 (or taken concurrently with CHEM 314) with grades of C or better
A laboratory course designed to provide students with experience in single-step and multi-step syntheses and characterization of organic molecules with hands-on access to instrumentation (NMR, GC, GC-MS, LC IR, and UV-visible).

CHEM 316: Organic Chemistry II Learning Community (1)
One hour of recitation section each week.
Prerequisite: Must be taken concurrently with CHEM 314
An instructor/peer-supervised interactive problem-solving session for students enrolled in CHEM 314 where students work in small groups on problems related to the content in CHEM 314.

CHEM 318: Biological Chemistry (3)
Three hours of lecture each week
Prerequisites: CHEM 311 with a grade of C or better
An integrated Organic Chemistry II and Biochemistry course for biology students. The topics covered in this course include: the structure and synthesis of sugars, amino acids, DNA, RNA, proteins; enzyme catalysis and inhibition; and the reactions involved in biosynthetic and metabolic pathways. Students who are interested in pre-professional programs (pre-medical, pre-veterinary, pre-dental) or students interested in obtaining a minor in Chemistry should take CHEM 314. Intended for the non-chemistry major.

CHEM 341: Drug Discovery and Development (3)
Three hours of lecture a week.
Prerequisite: None
How are drugs discovered? What determines the price for a drug? What is the difference between a generic and non-generic drug? These questions will be examined with an interdisciplinary approach. Topics to be covered may include the isolation of compounds from natural sources, the screening of compounds for biological activity, structure-activity relationships of drugs, computer-assisted drug design, combinatorial chemistry, bioinformatics, the FDA approval process for new drugs, and the economic and business aspects of pharmaceutical development.
Same as ECON 341, BUS 341. GenEd-ID: B1, D

CHEM 343: Forensic Science (3)
Two hours of lecture and one three-hour lab a week. Lab fee required.
Prerequisite: None
A survey of the various chemical and biological techniques used in obtaining and evaluating criminal evidence. Topics include: chromatography; mass spectrometry (LC-MS, GC-MS); atomic absorption, IR UV, fluorescence, and X-ray spectroscopy; fiber comparisons; drug analysis; arson/ explosive residue analysis; toxicological studies; psychological profiling; blood typing; DNA analysis; population genetics; firearm identification; and fingerprint analysis. Intended for the non-chemistry major.
Same as BIOL 343. GenEd-ID: B1

CHEM 344: Energy and Society (3)
Three hours of lecture a week.
Prerequisite: None
Survey of the physical, chemical, and engineering principles involved in the production of energy from current and potential sources and the economical, environmental, and political issues surrounding energy production. The course will also examine factors that influence worldwide energy policy. Examples of topics that may be included in this course include fossil fuels, solar energy, biomass, fuel cells, and nuclear (fission and fusion) processes.
GenEd-ID: B1

CHEM 346: Scientific and Professional Ethics (3)
Three hours of lecture/ discussion a week.
Prerequisite: None
Discussion of ethical issues and societal challenges derived from scientific research and professional activities. Examines the sources, fundamental principles, and applications of ethical behavior; the

1850s. The impact of Spanish exploration, colonization, and the mission system will be traced from the perspectives of both the Native Americans and their colonizers.
GenED D.

ANTH 324. World Cultures: African-American Culture History (3)

Three hours per week.
Prerequisites: None.
From the 16th century onward, Africans were brought to the United States and elsewhere to serve as laborers in chattel slavery. This course traces that history and explores how African-Americans adapted their cultures under slavery and following Emancipation to contribute to the development of America. The Civil Rights movement is traced from its beginnings to the present.
Same as HIST 324.

ANTH 330. Ecology and the Environment (4)

Three hours lecture per week; three hours lab per week. Prerequisites: None.
Ecological characteristics of natural ecosystems and basic effects of human society upon those systems. Plant and animal distribution patterns in relation to past and present physical and biotic factors. Issues of resource management, population, food production, global environmental problems will also be emphasized to explore future directions. A standard lab fee is required.
Same as BIOL 330. GenED B1 & B2.

ANTH 331. Wars and Conflicts in the Modern World (3)

Three hours per week.
Prerequisites: None.
Cross-cultural perspectives on the development of the modern world in the future. Can the Earth sustain an American style culture for everyone? How do Third and Fourth World countries view the developed countries? Can conflicts over resources be resolved peacefully? This course exams war and terrorism in the context of resources and modernity.
GenED D.

ANTH 332. Population and Resource Constraints (3)

Three hours per week.
Prerequisites: None.
This human ecology course places humans into the environment in historical and global contexts. Discusses systems theory as it applies to human adaptation to the environment. Studies the relations between political power, ideology, and resources, integrating concepts from ecology with those from social sciences. Theories and forecasts of human population growth and migration among regions and cultures. Social and environmental impacts of population and age distribution. Natural resource constraints on growth. Topics from land development, resource planning, environmental quality, politics, economic growth, conflicts and wars.
GenED B2 & D.

ANTH 333. Civilizations of an Ancient Landscape: World Archaeology (3)

Three hours per week.
Prerequisites: None.
Traces the relationship between the physical geography and the development of ancient civilizations in Pre-Columbian America, Africa, Asia, and Europe, beginning with the post-glacial period and ending with the rise of feudalism in Europe and Japan. The change from hunting and gathering groups to sedentary agriculturalists and pastoralists giving rise to later complex social organizations. Art, architecture, science, religion, trade economic and social systems.
GenED D.

ANTH 335. American Ethnic Images in Novels and Film (3)

Three hours per week.
Prerequisites: None.
American Ethnic Images in Novels and Film examines the portrayal of ethnic groups from an interdisciplinary perspective that includes, but is not limited to, the literary, historical, and anthropological. The course highlights how artistic works have shaped the intellectual landscape of the United States as they relate to ethnic peoples.
Same as ENGL 335. GenED C2.

ANTH 341. Culture and Personality (3)

Three hours per week.
Prerequisites: None.
This course provides a cross-cultural perspective on the relationships between culture and personality. The nature/nurture debate is examined in different cultures. Is personality culture writ small? Team taught with psychology.
Same as PSY 341 GenED D.

ANTH 343. Anthropology of Organizations (3)

Anthropological perspective on human organizations in terms of communication, spatial relations, product development, technology, marketing, group behavior. Explores principles of effectively organizing and directly work groups.
Same as BUS 343.

ANTH 345. Bioanthropology: Human Evolution and Diversity (3)

Three hours per week.
Prerequisites: None.
Human biological evolution from the African savannah of 5 million years ago to the present, focusing upon adaptation to environmental conditions, disease, diet. Includes segments on ecology, evolutionary theory, genetics, natural selection, non-human primates. Discusses the concept of race from an anthropological perspective. Includes issues of speciation and race, adaptation to cold, heat, desert, tropics, diseases. Compares ethnicity vs. race.
GenED B1.

ANTH 346. Scientific and Professional Ethics (3)

Three hours per week.
Prerequisites: None.

Discussion of ethical issues and societal challenges derived from scientific research and professional activities. Examines the sources, fundamental principles, and applications of ethical behavior; the relationship between personal ethics and social responsibility of organizations; and the stakeholder management concept. Applies ethical principles to different types of organizations: business, non-profits, government, health care, science/technology, and other professional groups. Topics also include integrity of scientific research and literature and responsibilities of scientists to society, intellectual property, ethical practices in professional fields, ethical dilemmas in using animal or human subjects in experimentation, gene cloning, animal cloning, gene manipulation, genetic engineering, genetic counseling, and ethical issues of applying biotechnology in agricultural fields. Emphasizes cases to explore ethical issues. Weekly three-hour lectures and discussions.
Same as MGT 346. GenED A3.

ANTH 425. Historical Archaeology (3)

Three hours per week.
Prerequisites: None.
The archaeology of the modern world, through material culture and heritage places.
First offered beginning Spring 2004.

ANTH 427. Archaeology of North America (3)

Three hours per week.
Prerequisites: None.
The prehistory of Native Americans is traced from the earliest arrivals to the 19th century.
First offered beginning Spring 2004.

ANTH 441. Space and Time: Cross-cultural Perspectives (3)

Three hours per week.
Prerequisites: None.
This course examines how different cultures view, define, and organize space and time. Is time linear or circular? How has the American house changed spatially through the centuries? How do other cultures organize the same spaces?
Same as PSY 441. Offered Spring 2004 and alternate years thereafter.

ANTH 443. Medical Anthropology: Cross-Cultural Perspectives on Health and Healing (3)

Three hours per week.
Prerequisites: None.
This course provides a cross-cultural perspective on human health issues. Uses biological, cultural, and behavioral approaches to understanding the concepts of diseases and their treatment, ethnoscience, health, and alternative medicine placed in a global perspective.
Offered Spring 2003 and alternate years thereafter.

ANTH 451. Applied Anthropology (3)

Three hours per week.
Prerequisites: None.
This course focuses upon the practical ways anthropology can be applied to contemporary issues in nonacademic settings. Emphasizes ethical issues involved in implementing public policy. Examines ways in which anthropological knowledge and methods can contribute to such areas as economic development, tourism, environmental change, heritage preservation, health care, indigenous and ethnic relations, and others.
First offered beginning Spring 2005.

ANTH 452. Ecotourism and Cultural Tourism (3)

Three hours per week.
Prerequisites: None.
One of the largest growth industries in many countries in the past decade has been tourism broadly, and especially those areas variously labeled as ecotourism, cultural tourism, heritage tourism, and educational tourism. How do these differ in their impact on local economies, stress on infrastructure and local citizens? What is their overall cost and benefit? How does one manage the environment and heritage places within the context of tourism?

ANTH 483. Qualitative Research Methods in the Social Sciences (3)

Three hours per week.
Prerequisites: None.
This course provides the student with an understanding of how social scientists collect and analyze data. Explores methods and procedures used in anthropology research, including creating a research design, interviewing, cross-verifying data, and interpreting data. This course also details the various methods employed by ethnographers, folklorists, and oral historians in collecting oral testimony in a structured, systematic method. Particular attention is given to ethical and legal issues.
Same as PSYCH 483.

ANTH 490. Seminar in Anthropology (3)

Three hours per week.
Prerequisites: None.
This seminar explores a different topic each term. This seminar explores a different topic each term. Students may enroll up to four times in different seminars.

ANTH 492. Service Learning/Internship (3)

Six hours per week.
Prerequisites: None.
Enrollment in this course is with permission of faculty member in charge. Individual internship through service learning. Graded Credit/No Credit.

ANTH 494. Independent Study (3)

Variable hours per week.
Prerequisites: None.
Individual contracted study on topics selected by the student for further study. Enrollment in this course is with permission of faculty member in charge. Graded Credit/No Credit.

ANTH 499. Capstone Project (3)

Variable hours per week.

Prerequisites: Senior status.

This course is an interdisciplinary experience in which students from diverse disciplines and majors work in teams, contributing their expertise to a community-based group project. Graded Credit/No Credit.