

**CALIFORNIA STATE UNIVERSITY CHANNEL ISLANDS
NEW COURSE PROPOSAL**

PROGRAM AREA: HUMANITIES

1. Catalog Description of the Course

ANTH 345. HUMAN EVOLUTION AND DIVERSITY (3)

Three hours lecture per week.

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: B2 and Interdisciplinary

2. Mode of Instruction.

	Units	Hours per Unit	Benchmark Enrollment
Lecture	3	1	30
Seminar	_____	_____	_____
Laboratory	_____	_____	_____
Activity	_____	_____	_____

3. Justification and Learning Objectives for the Course.

Justification: This is an interdisciplinary General Education elective course taught in Fall 2002. The course provides an introduction to genetics and the forces of evolution as they apply to human populations. Because it focuses upon the human biological adaptations to climate and environment, the student is presented with the biology of race and this is contrasted with ethnicity.

Learning Objectives. Upon completion of course, the student will be able to:

- Outline the major trends in human evolution.
- Discuss the mechanisms of evolution in general and specifically how they apply to human evolution.
- Explain the basics of evolution generally and specifically, human evolution;
- Compare human biological adaptations from cultural adaptations;
- Describe diversity and heritage of the human species.

4. Is this a General Education Course **YES** **~~NO~~**
If Yes, indicate GE category:

A (English Language, Communication, Critical Thinking)	
B (Mathematics & Sciences)	X
C (Fine Arts, Literature, Languages & Cultures)	
D (Social Perspectives)	
E (Human Psychological and Physiological Perspectives)	

5. Course Content in Outline Form.

What is Physical Anthropology?
 Evolution
 Genetics
 Natural Selection
 Human Variation
 Human Variation
 Race vs. Ethnicity
 Primates
 Primates, Primate Behavior
 Human Behavior
 The Fossil Evidence
 Early Primate Fossils
 Early Hominids
 Homo erectus
 Homo sapiens

6. References. [Provide 3 - 5 references on which this course is based and/or support it.]

ANGELONI, ELVIO

2002 *Annual Editions: Physical Anthropology*. McGraw-Hill, New York.

FAGAN, BRIAN M.

2003 *People of the Earth*. 10th ed. Prentice Hall, Upper Saddle River, NJ.

FEDER, KENNETH L.

2000 *The Past in Perspective: An Introduction to Human Prehistory*. 2nd ed. Mayfield, Mountain View, CA.

FEDER, KENNETH L. AND MICHAEL ALAN PARK

2001 *Human Antiquity: An Introduction to Physical Anthropology and Archaeology*. 4th ed. Mayfield, Mountain View, CA.

STEIN, PHILIP L. AND BRUCE M. ROWE

2002 *Physical Anthropology*. 8th ed. McGraw-Hill. New York.

7. List Faculty Qualified to Teach This Course.

William H. Adams

Anthropology Faculty

8. Frequency.

a. Projected semesters to be offered: Fall ____ Spring **X** Summer ____

9. New Resources Required.

A survey of lab facilities and library resources will need to be conducted to determine additional resource needs. These resource needs are anticipated to be minimal and would include purchase of a human skeleton (replica) and several videos.

10. Consultation.

Attach consultation sheet from all program areas, Library, and others (if necessary)

11. If this new course will alter any degree, credential, certificate, or minor in your program, attach a program modification.

William H. Adams

01/06/2003

Proposer of Course

Date