

CALIFORNIA STATE UNIVERSITY CHANNEL ISLANDS
NEW COURSE PROPOSAL

PROGRAM AREA: HUMANITIES; ENVIRONMENTAL SCIENCE AND RESOURCE MANAGEMENT

1. Catalog Description of the Course

ANTH 332. HUMAN ECOLOGY (3)

Three hours lecture per week.

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 among 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 D and Interdisciplinary.

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2. Mode of Instruction.

	Units	Hours per Unit	Benchmark Enrollment
Lecture	3	1	20
Seminar			
Laboratory			
Activity			

3. Justification and Learning Objectives for the Course. (Indicate whether required or elective, and whether it meets University Writing, and/or Language requirements)

Justification: This course contributes to the Liberal Studies options and is an approved elective in the Environmental Science & Resource Management major. The course provides social science perspectives on ecology and the human interaction with the environment. Provides a strong geographic perspective as well.

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

- Describe different models for human adaptations to the environment through time.
- Evaluate the impact of humans upon the environment caused by different subsistence strategies.
- Demonstrate effective knowledge of ecology as it relates to human and environmental interaction.

4. Is this a General Education Course YES ~~NO~~

If Yes, indicate GE category:

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

5. Course Content in Outline Form.

Evolution	Biotic Stress: Disease & Malnutrition
Principles of Ecology	Modernization
Human Ecology	Resources; Community Ecology
Population Ecology	Biomes
Human Population Growth	Energy Relationships
Stress and Environmental Physiology	Energy Flow
Human Adaptation to Cold & Heat	Nutrient Recycling, Nutrient Cycles
Human Adaptation to Altitude, Energy, Natural Hazards	Optimization Models

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

BODLEY, JOHN H.

2001 *Anthropology and Contemporary Human Problems*. 4th edition. Mayfield, Mountain View, CA..

KORMAONDY, EDWARD J. AND DANIEL E. BROWN

1998 *Fundamentals of Human Ecology*. Prentice Hall, Upper Saddle River, NJ.

MCCAY, BONNIE J. AND JAMES M. ACHESON, EDITORS

1996 *The Question of the Commons: The Culture and Ecology of Communal Resources*. University of Arizona Press, Tucson, AZ.

RAO, P.K.

2000 *Sustainable Development: Economics and Policy*. Blackwell Publishers, Malden, MA.

REDMAN, CHARLES L.

1999 *Human Impact on Ancient Environments*. University of Arizona Press, Tucson, AZ.

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. Computer (data processing), audio visual, broadcasting needs, other equipment: purchase videos.

b. Library needs: more books in anthropology related to the course

c. Facility/space needs

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