

Arch 4620 & Anth 4850: **Human Ecology & Environmental Archaeology**
Fall 2010

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This class is a series of discussions that focus on human ecology and the use of environments by humans over time. The course is divided into three sections: issues, concepts, and case studies. The course will be a seminar in which student discuss weekly readings. The course will be reading-heavy with three in-class essay exams and a comprehensive final exam. By the end of the course students should have a cohesive impression of the importance of considering environmental issues from a theoretical and empirical temporal perspectives.

All members of the class are expected to have read, and **be prepared to discuss**, all assigned chapters and articles each week. Class participation counts heavily in my assessment of your performance and your final grade (see below). Copies of articles are available through the UNT library and/or the class blackboard website.

Each student will prepare an **abstract** of each assigned article (typed, 12 pt TNR font, double spaced, 1 inch margins, hard copy only accepted). *An abstract should contain your summary of the major points of an article.* Preparation of these abstracts will help you understand the material, and in the future will help refresh your memory as to the contents of an article. The collection of abstracts are due at the end of each class section, and can be submitted as word documents via the blackboard site.

Pop essay quizzes over the reading material may be administered at the discretion of the professor.

Grading:

Abstracts	3 sets @ 50 pts each =	150 pts
Quizzes	up to 5 @ 10 pts each =	50 pts
Group discussion exercises	15 @ 10 pts each =	150 pts
Exams	3 @ 50 pts each	150 pts
Comprehensive Final Exam		150 pts
Class participation	<u>Subjectively graded</u>	150 pts
Class attendance	30 @ 5 pts each	150 pts

Course grade: 90% + = A, 80 to 89 % = B, 70 to 79% = C, 60 to 69% =D, below 60% = F

Reading Material

TEXTBOOK (required): E. N. Anderson. *The Pursuit of Ecotopia*. Praeger Press, Santa Barbara, CA.

Section 1: Issues

WEEKS 1 & 2: People in Nature & Learning from Others (Anderson, Chaps 1 & 2; Rozzi 1999).
Aug 26 – Sept 2

WEEK 3: Rationality, Emotion, & Economics & Political Ecology (Anderson, Chaps 3 & 4; Frazier ms).
Sept 7 & 9

WEEK 4: Environmental Justice & Local & Global (Anderson, Chaps 5 & 6; Nabhan 2009).
Sept 14 & 16

WEEK 5: The Land Ethic & New Moral Codes (Anderson, Chaps 7 & 8)
Sept 21 & 23

WEEK 6: Finish discussion of issues, and take exam.
Sept 28 & 30 Exam 1 Thursday, September 30th In Class

Section 2: Concepts

WEEK 7: Ecology (Cowles 1899; Gleason 1926; Lindeman 1942; Hutchinson 1957)
Oct 5 & 7

WEEK 8: Ecology (Grinnell 1917; Hutchinson 1959; MacArthur 1958; Paine 1966)
Oct 12 & 14

WEEK 9: Ecology (MacArthur & Pianka 1966; Simberloff & Wilson 1969; Grinnell 1922; Diamond 1974)
Oct 19 & 21

WEEK 10: Evolution (Gould 1986; Mayr 1978; Brown & Wilson 1956; Pfennig et al. 2010)
Oct 26 & 28

WEEK 11: Finish discussion of issues, and take exam.
Nov 2 & 4 Exam 2 Thursday, November 4th In Class

Section 3: Cases studies in space and time

WEEK 12: Traditional Ecological Knowledge (Lepofsky 2009; Lertzman 2009; Turner et al. 2009; Wyndham 2009)
Nov 9 & 11

WEEK 13: Past Environments (Broughton et al. 2010; Smith 2009; Gremillion 1996; Beck et al. 2002)
Nov 16 & 18

WEEK 14 Past Environments (Neiman 1997; Bright et al. 2002; Simms and Russell 1997)
Nov 23

WEEK 15 Modern Environments (Huston 1979; Huston & Wolverton 2009; Wolverton & Huston in review)
Nov 30 & Dec 2

WEEK 16
Dec 7 Exam 3

Comprehensive Final Exam Dec 14 @ 1:30 to 3:30 pm

DISABILITY ACCOMMODATION

The Department of Geography, in cooperation with the Office of Disability Accommodations, complies with the Americans with Disabilities Act in making reasonable accommodations for qualified students with disabilities. Please present your written accommodation request by the second lab.

EXTRA CREDIT

The Department of Geography does not allow extra credit assignments (work not specified on a course syllabus).

ACADEMIC DISHONESTY

Students caught cheating or plagiarizing will receive a "0" for that particular assignment or exam. Additionally, the incident will be reported to the Office of Student Rights and Responsibilities for further penalty. According to the UNT catalog, the term "cheating" includes, but is not limited to: (a) use of any unauthorized assistance in taking quizzes, tests, or examinations; (b) dependence upon the aid of sources beyond those authorized by the instructor in writing papers, preparing reports, solving problems, or carrying out other assignments; (c) the acquisition, without permission, of tests or other academic material belonging to a faculty or staff member of the university; (d) dual submission of a paper or project, or resubmission of a paper or project to a different class without express permission from the instructor(s); or (e) any other act designed to give a student an unfair advantage. Altering a returned test and claiming a grader or scanning machine made an error is also considered cheating. The term "plagiarism" includes, but is not limited to: (a) the knowing or negligent use by paraphrase or direct quotation of the published or unpublished work of another person without full and clear acknowledgment; and (b) the knowing or negligent unacknowledged use of materials prepared by another person or agency engaged in the selling of term papers or other academic materials.

CLASSROOM/OFFICE COURTESY

Please follow these guidelines to avoid disrupting the class:

- (1) Turn off cell phones before arriving.
- (2) Do not arrive late or leave early (except for a bathroom break or emergency).
- (3) Do not sleep or eat during class.
- (4) Do not work on other assignments during class.
- (5) Do not talk when the instructor is lecturing, unless prompted for feedback by the instructor.

ACCEPTABLE STUDENT BEHAVIOR:

Student behavior that interferes with an instructor's ability to conduct a class or other students' opportunity to learn is unacceptable and disruptive and will not be tolerated in any instructional forum at UNT. Students engaging in unacceptable behavior will be directed to leave the classroom and the instructor may refer the student to the Center for Student Rights and Responsibilities to consider whether the student's conduct violated the Code of Student Conduct. The university's expectations for student conduct apply to all instructional forums, including university and electronic classroom, labs, discussion groups, field trips, etc. The Code of Student Conduct can be found at www.unt.edu/csrr

ATTENDANCE/TARDINESS POLICY

After missing (*excused* or *unexcused*) 5 class periods a student will receive a WF (F if after the WF deadline) for the course. Students who are greater than 5 minutes late should come to class so as not to miss the material, but they will be counted absent for the period. Perfect ('perfect' means 'entirely without any flaws, defects, or shortcomings' [dictionary.com]) on-time attendance (lecture and labs) will result in a 2% course grade reward in the final course grade (e.g., an 88% [B] would become a 90% [A]). Those who miss (or are tardy for) only one class period (lecture/lab) will receive a 1 % final grade reward.

MISSED-CLASS POLICY

The professor does not re-teach the course outside of class; I am happy to answer questions, clarify content, and provide guidance for those who attend class and come in with informed questions after they have attempted the work themselves. Students who miss class must secure notes from another student in the class; notes will not be provided by the instructor.