

## Term Information

Effective Term Spring 2017  
[Previous Value](#) Autumn 2014

## Course Change Information

### What change is being proposed? (If more than one, what changes are being proposed?)

We want to change the course number from a 5000 level course to a 3000 level.

### What is the rationale for the proposed change(s)?

The course was originally intended as one that could be taken by graduate and undergraduate students in our program for credit. However, because we have so few graduate students in our cultural program who are interested in environmental anthropology, graduate enrollments have been very low. Moreover, undergraduate enrollments for this course have been low too, in part because they perceive this as a difficult course due to its 5000-level course number. The plan is to change the course number from 5623 to 3623 to make it a more attractive course for undergraduates. The content of the course will not be changed - the same topics will be covered.

### What are the programmatic implications of the proposed change(s)?

(e.g. program requirements to be added or removed, changes to be made in available resources, effect on other programs that use the course)?

N/A

Is approval of the request contingent upon the approval of other course or curricular program request? No

Is this a request to withdraw the course? No

## General Information

Course Bulletin Listing/Subject Area Anthropology  
Fiscal Unit/Academic Org Anthropology - D0711  
College/Academic Group Arts and Sciences  
Level/Career Undergraduate  
[Previous Value](#) Graduate, Undergraduate  
Course Number/Catalog 3623  
[Previous Value](#) 5623  
Course Title Environmental Anthropology  
Transcript Abbreviation Enviro Anth  
Course Description Theory and ethnographic examples of human-environment interactions, focusing on the role of culture and behavior in environmental adaptation.  
Semester Credit Hours/Units Fixed: 3

## Offering Information

Length Of Course 14 Week, 12 Week, 8 Week, 7 Week, 6 Week  
Flexibly Scheduled Course Never  
Does any section of this course have a distance education component? No  
Grading Basis Letter Grade  
Repeatable No  
Course Components Lecture  
Grade Roster Component Lecture  
Credit Available by Exam No

Admission Condition Course	No
Off Campus	Never
Campus of Offering	Columbus, Marion

## Prerequisites and Exclusions

Prerequisites/Corequisites	Prereq: 2202 (202) or equiv, or permission of instructor.
Exclusions	Not open to students with credit for 620.05 or 5623.
<a href="#">Previous Value</a>	Not open to students with credit for 620.05.

## Cross-Listings

Cross-Listings

## Subject/CIP Code

Subject/CIP Code	45.0204
Subsidy Level	Doctoral Course
Intended Rank	Sophomore, Junior, Senior
<a href="#">Previous Value</a>	<i>Junior, Senior, Masters, Doctoral</i>

## Requirement/Elective Designation

The course is an elective (for this or other units) or is a service course for other units

## Course Details

Course goals or learning objectives/outcomes	<ul style="list-style-type: none"><li>• Goals N/A</li></ul>
Content Topic List	<ul style="list-style-type: none"><li>• Ethnography</li><li>• Culture</li><li>• Ecology</li><li>• Environment</li><li>• Behavior</li><li>• Adaptation</li><li>• Sustainability</li><li>• Subsistence</li><li>• Homo sapiens</li><li>• Human nutrition</li></ul>

**COURSE CHANGE REQUEST**  
3623 - Status: PENDING

Last Updated: Haddad,Deborah Moore  
10/31/2016

**Attachments**

- ANTH3623 course number justification.docx: Curr. Map & Justification  
*(Other Supporting Documentation. Owner: Freeman,Elizabeth A.)*
- 3623 syllabus Kawa vs2.docx: Syllabus  
*(Syllabus. Owner: Freeman,Elizabeth A.)*
- Curriculum MapBS.docx: BS Cur Map  
*(Other Supporting Documentation. Owner: Freeman,Elizabeth A.)*
- BACurriculum Map.docx: BA Cur Map  
*(Other Supporting Documentation. Owner: Freeman,Elizabeth A.)*

**Comments**

- The curriculum maps highlight in green where Anth 3623 falls within our majors. *(by Freeman,Elizabeth A. on 10/31/2016 02:29 PM)*
- See 10-20-16 e-mail to S. McGraw. *(by Vankeerbergen,Bernadette Chantal on 10/20/2016 03:52 PM)*
- See email *(by Hogle,Danielle Nicole on 09/12/2016 03:53 PM)*

**Workflow Information**

Status	User(s)	Date/Time	Step
Submitted	Freeman,Elizabeth A.	02/22/2016 03:44 PM	Submitted for Approval
Approved	McGraw,William Scott	02/22/2016 03:46 PM	Unit Approval
Approved	Haddad,Deborah Moore	02/22/2016 07:47 PM	College Approval
Revision Requested	Vankeerbergen,Bernadette Chantal	03/01/2016 03:13 PM	ASCCAO Approval
Submitted	Freeman,Elizabeth A.	06/03/2016 11:03 AM	Submitted for Approval
Approved	McGraw,William Scott	06/04/2016 10:44 AM	Unit Approval
Approved	Haddad,Deborah Moore	06/06/2016 12:06 PM	College Approval
Revision Requested	Hogle,Danielle Nicole	09/12/2016 03:53 PM	ASCCAO Approval
Submitted	Freeman,Elizabeth A.	09/28/2016 11:20 AM	Submitted for Approval
Approved	McGraw,William Scott	09/28/2016 11:22 AM	Unit Approval
Approved	Haddad,Deborah Moore	09/28/2016 11:32 AM	College Approval
Revision Requested	Vankeerbergen,Bernadette Chantal	10/20/2016 03:52 PM	ASCCAO Approval
Submitted	Freeman,Elizabeth A.	10/31/2016 02:30 PM	Submitted for Approval
Approved	McGraw,William Scott	10/31/2016 02:36 PM	Unit Approval
Approved	Haddad,Deborah Moore	10/31/2016 03:58 PM	College Approval
Pending Approval	Nolen,Dawn Vankeerbergen,Bernadette Chantal Hanlin,Deborah Kay Jenkins,Mary Ellen Bigler Hogle,Danielle Nicole	10/31/2016 03:58 PM	ASCCAO Approval

## ANTH3623 Environmental Anthropology

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Instructor:	Dr. Nick Kawa	Office Phone:
Email:	kawa.5@osu.edu	Office Hours:
Office:	4030 Smith Lab	Web support: Carmen

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### COURSE MEETING TIME(S):

Time:                      Place:

### REQUIRED TEXTS:

Dove, Michael R. and Carol Carpenter, eds. 2008. Environmental Anthropology: A Historical Reader. Blackwell Publishing. \*Referred to as "D&C" in reading assignments below.

\*\*\*Additional Readings on **Carmen** (*see Required Readings at the end*)

### COURSE DESCRIPTION AND OBJECTIVES:

This course provides a general introduction to the subfield of environmental anthropology. In other words, it explores anthropological approaches to understanding the relationship between humans and the environment. During the course, we will draw from a number of prominent scholars that have shaped this subfield to trace how perspectives in the study of human-environmental relationships have changed and evolved over time. With case studies from Amazonia to the Arctic, this course will look at how different human groups both manage and respond to the environment through their social organization, subsistence, technology, and religion. We will also examine contemporary U.S. cultural practices and beliefs in relation to the environment, and students will develop group projects that address a human-environmental problem of local or regional concern. Toward the end of the course we will explore new theoretical and empirical developments in our understanding of the relationship of humanity to the environment, discussing specifically how climate change and the threat of global ecological crisis challenge our understanding of humanity's place on Earth. By the conclusion of the course, each student should:

1. Understand how culture shapes human perceptions and interactions with the environment
2. Know the main theoretical paradigms in the history of environmental anthropology
3. Apply theoretical paradigms from environmental anthropology to describe and explain human-environmental interactions
4. Be able to formulate new hypotheses about human-environmental interactions, considering the influence of human cultural variation

### BREAKDOWN OF GRADING:

**Attendance: 35 points** Regular attendance is expected of all students. Participation in class discussions is also strongly encouraged not only because it contributes to the intellectual environment of the classroom, but it facilitates your learning as an individual as well.

### Pop Quizzes and Assignments (5x 10 points):

Five small quizzes or assignments related to course readings and lecture materials will be administered during semester. Be sure to read the chapters or articles assigned here in the syllabus BEFORE the start of class.

## **Exams (2): 50 points each**

The midterm and final exams will consist of several short answer and short essay questions that frame key concepts and issues described in the course, requiring students to synthesize readings and expound upon the anthropological insights presented in class

## **Group Projects and Presentations: 65 points**

For these projects, students will be organized in groups of four. Projects will be carried out in four steps:

- (1) Identify a human-environmental problem or issue affecting the campus, the city, or the state.
- (2) Conduct research on different practical or creative solutions for addressing or diminishing this problem through group discussion and a background literature review.
- (3) Design a product, an ad, or technology to successfully address or mitigate this problem.
- (4) Make a final in-class presentation. Presentations should outline the problem, literature review, results of interviews, and the final product design, ad, or campaign. More information regarding these projects will be made available over the course of the semester.

## **TOTAL: 250 points**

### **COURSE GRADING SCALE:**

100- 92.0%	A
91.9-90.0%	A-
89.9-88.0%	B+
87.9-82.0%	B
81.9-80.0%	B-
79.9-78.0%	C+
77.9-72.0%	C
71.9-70.0%	C-
69.9-68.0%	D+
69.9-60.0%	D
<60.0%	E

### **DISABILITY SERVICES**

Students with disabilities (including mental health, chronic or temporary medical conditions) that have been certified by the Office of Student Life Disability Services will be appropriately accommodated and should inform the instructor as soon as possible of their needs. The Office of Student Life Disability Services is located in 098 Baker Hall, 113 W. 12th Avenue; telephone 614-292-3307, [slds@osu.edu](mailto:slds@osu.edu); [slds.osu.edu](http://slds.osu.edu).

### **COMMITTEE ON ACADEMIC MISCONDUCT STATEMENT**

All students should become familiar with the rules governing academic misconduct, especially as they pertain to plagiarism and cheating. Ignorance of the rules is not an excuse and all alleged cases of academic misconduct will be reported to the committee on academic misconduct.

### **CALENDAR:**

#### **Week 1 – Introduction to Environmental Anthropology**

(Tu): Introduction - What is Environmental Anthropology?

Readings: D&C Introduction

(Th): The Nature-Culture Dichotomy

Readings: D&C Ch. 1 – Posey

## **Week 2 – Ecology and Social Organization**

(Tu): Ecology and Social Morphology

Readings: D&C Ch. 5 – Mauss

(Th): Julian Steward and the Shoshone

Readings: D&C Ch. 6 - Steward

## **Week 3 – Human Ecosystems**

(Tu): Ecosystems with humans IN them

Readings: D&C Ch. 8 - Geertz

(Th): Ecosystems and their Boundaries

Readings: D&C Ch. 13 – Rappaport

## **Week 4 – Culture and Ecological Adaptation**

(Tu): The Case of the Sacred Cow

Readings: D&C Ch. 4 - Harris

(Th): **Project Group Work Day – Identify Problem/Prepare for Lit Review**

## **Week 5 – Ethnoecology and Native Environmentalism**

(Tu): Ethnoecology and Ethnobotany

Readings: D&C Ch. 11 – Conklin

(Th): The Ecologically Noble Savage

Readings: Redford reading

**DUE: Group Project Summary (1 page)**

## **Week 6 – Symbolic Ecology**

(Tu): The Forest of Symbols

Readings: Turner reading

(Th): Animism and Totemism

Readings: Descola reading

## **Week 7 – Ecology and Religion**

(Tu): Spiritual Ecology

Readings: Darlington reading

(Th): Green Religion

Readings: Taylor reading

**EXAM 1 (Take-Home)**

## **Week 8 – Resilience Theory**

(Tu): Ecological Resilience Theory

Readings: Gunderson reading

(Th): **Group Project Work Day**

Readings: None

## **Week 9 – Political Ecology**

(Tu): What is Political Ecology?

Readings: Biersack reading

**DUE: Group Project Literature Review (~2 pages)**

(Th): Anthropology of Environmental Sustainability

Readings: Readings: D&C Ch. 18 – Murray Li

### **Week 10 – Sustainable Development**

(Tu): Critique of Environmental Movements

Readings: D&C Ch. 19 - Brosius

(Th): Green and “Sustainable” Development

Readings: D&C Ch. 20 - Tsing

### **Week 11 – Historical Ecology**

(Tu): The Pristine Myth

Readings: Mann “Earthmovers of the Amazon”

(Th): Writing History in the Landscape

Readings: Santos-Granero reading

### **Week 12 – Ecology and Phenomenology**

(Tu): What is phenomenology?

Readings: Ingold reading

(Th): Perception of the landscape

Readings: D&C Ch. 21 - Bloch

### **Week 13 – Posthumanist Ecologies and Ecological Crisis**

(Tu): Posthumanism and Ecology

Readings: Pickering reading

(Th): Climate Change and Ecological Crisis

Readings: Franklin reading

### **Week 14 – The Anthropocene**

(Tu): The Anthropocene: What is humanity’s place on Earth?

Readings: Steffen reading

(Th): Presentations (Groups 1, 2)

### **Week 15 – FINAL PRESENTATIONS**

(Tu): Presentations (Groups 3, 4)

(Th): Presentations (Groups 5, 6, 7)

### **Week 16 – FINAL EXAM**

## Required Readings

- Biersack, Aletta. "Reimagining political ecology: culture/power/history/nature." *Reimagining political ecology* (2006): 3-40.
- Darlington, Susan M. "The ordination of a tree: The Buddhist ecology movement in Thailand." *Ethnology* (1998): 1-15.
- Descola, Philippe. "Constructing natures." *Nature and society: Anthropological perspectives* (1996): 82-102.
- Dove, Michael R., and Carol Carpenter. "Environmental anthropology: A historical reader." *Dove, Michael R. and Carol Carpenter, eds* (2008).
- Franklin, Adrian. "A choreography of fire. A posthumanist account of Australians and eucalypts." (2008).
- Gunderson, Lance H. "Ecological resilience--in theory and application." *Annual review of ecology and systematics* (2000): 425-439.
- Ingold, Tim. *The perception of the environment: essays on livelihood, dwelling and skill*. Psychology Press, 2000.
- Mann, Charles C. "Earthmovers of the Amazon." *Science* 287, no. 5454 (2000): 786-789.
- Pickering, A. and Guzik, K. eds. *The mangle in practice: Science, society, and becoming*. Duke University Press, 2008.
- Redford, Kent H. "The ecologically noble savage." *Cultural survival quarterly* 15, no. 1 (1991): 46-48.
- Santos-Granero, Fernando. "Writing history into the landscape: space, myth, and ritual in contemporary Amazonia." *American Ethnologist* 25, no. 2 (1998): 128-148.
- Steffen, Will, Paul J. Crutzen, and John R. McNeill. "The Anthropocene: are humans now overwhelming the great forces of nature." *AMBIO: A Journal of the Human Environment* 36, no. 8 (2007): 614-621.
- Taylor, Bron. "A green future for religion?." *Futures* 36, no. 9 (2004): 991-1008.
- Turner, Victor W. "Themes in the symbolism of Ndembu hunting ritual." *Anthropological Quarterly* 35, no. 2 (1962): 37-57.



## **ANTH3623: Environmental Anthropology**

### **Curriculum Map**

Environmental anthropology (ANTH3623) is a course for students with some foundation in the social and biological sciences to further their understanding of human-environmental relationships. This is an elective course that is designed primarily for freshmen, sophomores, and juniors in the anthropology and anthropological science majors. However, it also attracts students from related fields who are interested in ecology, environmental management, and sustainability. The only prerequisite for the course is ANTH2202 (Peoples and Cultures: An Introduction to Cultural Anthropology), although students can seek permission from the instructor to have the prerequisite waived.

The primary learning outcomes of the course are:

1. Understand how culture shapes human perceptions and interactions with the environment
2. Know the main theoretical paradigms in the history of environmental anthropology
3. Apply theoretical paradigms from environmental anthropology to describe and explain human-environmental interactions
4. Formulate new hypotheses about human-environmental interactions considering the influence of human cultural variation

### **Changes to the Course**

A number of changes have been made to the course so that it is appropriately designed for the 3000-level. First, the quantity of readings has been significantly reduced. Rather than having approximately three chapters or articles to read each week, students will have only two. This will allow for a closer reading of the materials, and it will give students more time to familiarize themselves with the primary concepts introduced in each reading. Second, the difficulty of the readings has been adjusted to the 3000-level. While many seminal academic articles remain on the reading list, some lengthier pieces have been substituted by shorter contemporary case-studies. Third, the term paper that was assigned in the 5000-level course has been eliminated. In its place, students will develop short group presentations on a topic of contemporary human-environmental significance. Some class time will be dedicated to the development of these presentations, and they will require significantly less out-of-class time during the semester than the term paper. All of these adjustments should make the course much more suitable for freshmen and sophomores.

## ANTHROPOLOGICAL SCIENCES MAJOR (BS)

### Program Learning Goals:

The *general goals* of our undergraduate program in Anthropological Sciences are to prepare students for (i) employment that combines critical thinking, communication, and analytical skills with an understanding of human diversity in both time and space and/or (ii) continued study in graduate/professional schools.

These general goals are met via the following *specific learning outcomes*:

- (i) Students will acquire foundational knowledge in each of the three major sub-disciplines within the major (physical anthropology, cultural anthropology and archaeology).
- (ii) Students will achieve mastery of core concepts in each of the three major sub-disciplines within the major (physical anthropology, cultural anthropology and archaeology). In so doing, they will acquire rigorous and empirically oriented skills in each sub discipline.
- (iii) Students will accumulate breadth of knowledge by completing elective coursework in each of the three sub-disciplines within the major (physical anthropology, cultural anthropology and archaeology).
- (iv) Students achieve in depth knowledge in one (or more) field by choosing at least two additional courses in any sub discipline (physical anthropology, cultural anthropology or archaeology) within the major.
- (i) Students achieve competence in basic statistical methods and evolutionary theory.

**CURRICULAR MAP AND PROGRAM LEARNING GOALS (BS)**

<b>Required Courses</b>	<b>Goal # i</b>	<b>Goal # ii</b>	<b>Goal # iii</b>	<b>Goal # iv</b>
ANT 2200	✓			
ANT 2201	✓			
ANT 2202	✓			
ANT 3300		✓		
ANT 3301		✓		
ANT 3401		✓		
ANT 5620		✓		
<b>Elective Courses</b>				
<b>Physical Anthropology Elective</b>			✓	
(Complete at least one of the following)			✓	
ANT 3211			✓	
ANT 3302			✓	
ANT 3304			✓	
ANT 3304			✓	
ANT 3305			✓	
ANT 3315			✓	
ANT 3409			✓	
ANT 3410			✓	
ANT 3411			✓	
ANT 3500			✓	
ANT 3504			✓	
ANT 5600			✓	
ANT 5607			✓	
ANT 5608			✓	
ANT 5609			✓	
ANT 5610			✓	
ANT 5641			✓	
ANT 5644			✓	
ANT 5645			✓	
ANT 5797			✓	

	Goal # i	Goal # ii	Goal # iii	Goal # IV	Goal # V
<b>Cultural Anthropology Elective</b>			✓		
(Complete at least one of the following)			✓		
ANT 3334			✓		
ANT 3400			✓		
ANT 3403			✓		
ANT 3416			✓		
ANT 3418			✓		
ANT 3419			✓		
ANT 3597.01			✓		
ANT 3597.02			✓		
<b>ANT 3623 Environmental Anthropology</b>			✓		
ANT 4597.05H			✓		
ANT 5601			✓		
ANT 5602			✓		
ANT 5621			✓		
ANT 5624			✓		
ANT 5625			✓		
ANT 5626			✓		
ANT 5797			✓		
<b>Archaeology Elective</b>			✓		
(Complete at least one of the following)			✓		
ANT 3350			✓		
ANT 3402			✓		
ANT 3434			✓		
ANT 3451			✓		
ANT 3452			✓		
ANT 3555			✓		
ANT 3604			✓		
ANT 4597.03H			✓		
ANT 5603			✓		
ANT 5604			✓		
ANT 5605			✓		
ANT 5614			✓		
ANT 5615			✓		
ANT 5651			✓		
ANT 5797			✓		
			✓		
Free Elective # 1			✓		
Free Elective # 2					
(complete any 2 additional courses from the list of electives above)					

Additional Courses					
EEOB 3310					√
STAT 1450 or 2450					√

**Nb: Some courses may be used in more than one sub-discipline.**

## ANTHROPOLOGY MAJOR (BA)

### Program Learning Goals:

The general goals of our undergraduate program in Anthropology (BA) are threefold: (1) attract and train an increasingly diverse and competitive student body, (2) make graduates more competitive on the job market and in the applicant pool for graduate/professional school, (3) provide more rigorous and empirically oriented training within each anthropological subfield.

General goals # 2 and # 3 are met by a curriculum designed to achieve the following specific learning goals:

- (i) Students are introduced to the breadth of and acquire foundational knowledge in each of the three major sub-disciplines within the major (physical anthropology, cultural anthropology and archaeology).
- (ii) Students master core concepts in each of the three major sub-disciplines within the major (physical anthropology, cultural anthropology and archaeology).
- (iii) Students complete elective coursework in each of the three sub-disciplines within the major (physical anthropology, cultural anthropology and archaeology).
- (iv) Students gain in depth knowledge in one (or more) field by choosing at least two additional courses in any sub discipline (physical anthropology, cultural anthropology or archaeology) within the major.

**CURRICULUM MAP AND PROGRAM LEARNING GOALS: BA**

<b>Required Courses</b>	<b>Goal # i</b>	<b>Goal # ii</b>	<b>Goal # iii</b>	<b>Goal # iv</b>
ANT 2200	✓			
ANT 2201	✓			
ANT 2202	✓			
ANT 3300 or 3301		✓		
ANT 3401		✓		
ANT 3525		✓		
<b>Elective Courses</b>				
<b>Physical Anthropology Elective</b>			✓	
(Complete at least one of the following)			✓	
ANT 3211			✓	
ANT 3302			✓	
ANT 3304			✓	
ANT 3304			✓	
ANT 3305			✓	
ANT 3315			✓	
ANT 3409			✓	
ANT 3410			✓	
ANT 3411			✓	
ANT 3500			✓	
ANT 3504			✓	
ANT 5600			✓	
ANT 5607			✓	
ANT 5608			✓	
ANT 5609			✓	
ANT 5610			✓	
ANT 5641			✓	
ANT 5644			✓	
ANT 5645			✓	
ANT 5797			✓	

<b>Cultural Anthropology Elective</b>			✓	
(Complete at least one of the following)			✓	
ANT 3334			✓	
ANT 3400			✓	
ANT 3403			✓	
ANT 3416			✓	
ANT 3418			✓	
ANT 3419			✓	
ANT 3597.01			✓	
ANT 3597.02			✓	
ANT 3623 Environmental Anthropology			✓	
ANT 4597.05H			✓	
ANT 5601			✓	
ANT 5602			✓	
ANT 5621			✓	
ANT 5624			✓	
ANT 5625			✓	
ANT 5626			✓	
ANT 5797			✓	
			✓	
<b>Archaeology Elective</b>			✓	
(Complete at least one of the following)			✓	
ANT 3350			✓	
ANT 3402			✓	
ANT 3434			✓	
ANT 3451			✓	
ANT 3452			✓	
ANT 3555			✓	
ANT 3604			✓	
ANT 4597.03H			✓	
ANT 5603			✓	
ANT 5604			✓	
ANT 5605			✓	
ANT 5614			✓	
ANT 5615			✓	
ANT 5651			✓	
ANT 5797			✓	
			✓	
Free Elective # 1				✓
Free Elective # 2				✓
(complete any 2 additional courses from the list of electives above)				

**Nb: Some courses may be used in more than one sub-discipline.**