

COURSE MODIFICATION PROPOSAL

Courses must be submitted by October 15, 2014, and finalized by the end of the fall semester to make the next catalog (2015-16) production

DATE (CHANGE DATE EACH TIME REVISED): 30 SEPTEMBER 2014, REV 01.01.15

PROGRAM AREA(S): ANTHROPOLOGY

Directions: All of sections of this form must be completed for course modifications. Use **YELLOWED** areas to enter data. All documents are stand alone sources of course information.

1. Indicate Changes and Justification for Each. [Mark all change areas that apply and follow with justification. Be as brief as possible but, use as much space as necessary.]

- | | |
|--|--|
| ☐ Course title | ☐ Course Content |
| ☐ Prefix/suffix | ☒ X Course Learning Outcomes |
| ☐ Course number | ☒ X References |
| ☒ X Units | ☐ GE |
| ☒ X Staffing formula and enrollment limits | ☐ Other Grading Scheme |
| ☐ Prerequisites/Corequisites | ☐ Reactivate Course |
| ☒ X Catalog description | |
| ☒ X Mode of Instruction | |

Justification: With the impending opening of Sierra Hall, Anthropology will have access to classroom laboratory facilities. The program wishes to add a lab component to the course (which is standard at many community colleges and universities).

2. Course Information.

[Follow accepted catalog format.] (Add additional prefixes if cross-listed)

OLD

Prefix ANTH Course# 104
 Title INTRODUCTION TO BIOANTHROPOLOGY
 Units (3)
 3 hours lecture per week
☐ hours blank per week

☐ Prerequisites: ☐
 Consent of Instructor Required for Enrollment
☐ Corequisites: ☐

Catalog Description (Do not use any symbols):
 Examines primate evolution, human genetics, and the natural selection forces affecting human evolution. Understanding adaptations to environments and concepts of race examined.

General Education Categories: B2
 Grading Scheme (Select one below):

☐ A – F
☐ Credit/No Credit
☒ x Optional (Student's Choice)

Repeatable for up to ☐ units

Total Completions ☐

Multiple Enrollment in Same Semester Y/N ☐

Course Level:

☒ x Undergraduate
☐ Post-Baccalaureate
☐ Graduate

NEW

Prefix ANTH Course# 104
 Title INTRODUCTION TO BIOANTHROPOLOGY
 Units ☒ (4)
 3 hours lecture per week
☒ 3 hours lab per week

☐ Prerequisites: ☐
 Consent of Instructor Required for Enrollment
☐ Corequisites: ☐

Catalog Description (Do not use any symbols):
 Introduces the concepts, methods of inquiry, and scientific explanations for biological evolution and their application to the human species. Topics may include genetics, evolutionary theory, human variation and biocultural adaptations, comparative primate anatomy and behavior, and the fossil evidence for human evolution. The scientific method serves as foundation of the course. **A lab fee is required.**

General Education Categories: B2
 Grading Scheme (Select one below):

☒ x A – F
☐ Credit/No Credit
☐ Optional (Student's Choice)

Repeatable for up to ☐ units

Total Completions ☐

Multiple Enrollment in Same Semester Y/N ☐

Course Level:

☒ x Undergraduate
☐ Post-Baccalaureate
☐ Graduate

3. Mode of Instruction (Hours per Unit are defaulted)

Hegis Code(s) _____
(Provided by the Dean)

Existing

Proposed

	Units	Hours Per Unit	Benchmark Enrollment	Graded		Units	Hours Per Unit	Benchmark Enrollment	Graded	CS No. (filled out by Dean)
Lecture	<u>3</u>	<u>1</u>	<u>35</u>	x	Lecture	<u>3</u>	<u>1</u>	<u>24</u>	<u>x</u>	
Seminar		<u>1</u>			Seminar		<u>1</u>			
Lab		<u>3</u>			Lab	<u>1</u>	<u>3</u>	<u>24</u>	<u>X</u>	
Activity		<u>2</u>			Activity		<u>2</u>			
Field Studies					Field Studies					
Indep Study					Indep Study					
Other blank					Other blank					
Online					Online					

4. Course Attributes:

General Education Categories: All courses with GE category notations (including deletions) must be submitted to the GE website: <http://summit.csuci.edu/geapproval>. Upon completion, the GE Committee will forward your documents to the Curriculum Committee for further processing.

A (English Language, Communication, Critical Thinking)

- A-1 Oral Communication
- A-2 English Writing
- A-3 Critical Thinking

B (Mathematics, Sciences & Technology)

- B-1 Physical Sciences
- x B-2 Life Sciences – Biology
- B-3 Mathematics – Mathematics and Applications
- B-4 Computers and Information Technology

C (Fine Arts, Literature, Languages & Cultures)

- C-1 Art
- C-2 Literature Courses
- C-3a Language
- C-3b Multicultural

D (Social Perspectives)

E (Human Psychological and Physiological Perspectives)

UDIGE/INTD Interdisciplinary

Meets University Writing Requirement

Meets University Language Requirement

American Institutions, Title V Section 40404: Government US Constitution US History

Refer to website, Exec Order 405, for more information: <http://senate.csuci.edu/comm/curriculum/resources.htm>

Service Learning Course (Approval from the Center for Community Engagement must be received before you can request this course attribute).

5. Justification and Requirements for the Course. [Make a brief statement to justify the need for the course]

OLD

- x Requirement for the Major/Minor
- Elective for the Major/Minor

NEW

This course is a requirement for the Anthropology major and minor. This update is to add a laboratory component in preparation for the opening of the new lab building in Fall 2015.

- x Requirement for the Major/Minor
- Elective for the Major/Minor

Submit Program Modification if this course changes your program.

6. Student Learning Outcomes. (List in numerical order. You may wish to visit resource information at the following website: <http://senate.csuci.edu/comm/curriculum/resources.htm>)

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

OLD

Outline the major trends in primate and human evolution.

- Discuss the mechanisms of evolution (genetics, natural selection) in general and specifically how these apply to human evolution.
- Describe the biological adaptations humans have made through time to cold, heat, desert, altitude, latitude, disease, etc.
- Differentiate between race and culture in issues of diversity and multiculturalism.

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

NEW

- Distinguish the major trends in primate and human evolution.
- Discuss the mechanisms of evolution (genetics, natural selection) in general and specifically how these apply to human evolution.
- Describe the biological adaptations humans have made through time to cold, heat, desert, altitude, latitude, disease, etc.
- Differentiate between race and culture in issues of diversity and multiculturalism.
- Identify and compare anatomical and behavioral features of non-human primates, hominins, and modern humans.
- Apply important/core/key concepts (or big ideas) in the natural sciences to describe/explain natural phenomena (outcome 5.4)
- Solve problems using mathematical methods (Outcome 5.2).
- Utilize graphs, tables, etc. to represent and explain scientific and mathematical models (outcome 5.3)
- Integrate content, ideas, and approaches from integrative perspectives across disciplines (Outcome 1.1c).

7. Course Content in Outline Form. (Be as brief as possible, but use as much space as necessary)

OLD

1. Introduction; Origin Myths, What is Anthropology?
2. Uniformitarianism, Natural Selection, and Evolution
3. Evolution
4. Evolutionary Theory
5. Primate Evolution
6. Analogy and the Past
7. Dating Methods, Understanding the Past
8. Hominid Evolution: Early Hominids
9. Hominid Evolution: Homo erectus
10. Hominid Evolution: Homo sapiens
11. Modern Humans: Upper Paleolithic
12. Adaptation to Altitude, Cold, Heat

NEW

Primary Lecture topics:

1. Introduction; Origin Myths, What is Anthropology?
2. Uniformitarianism, Natural Selection, and Evolution
3. Evolutionary Theory
4. Phenotypic and Genetic Variation
5. Morphology, Taxonomy and Classification
5. Primate Evolution
6. Analogy and the Past
7. Dating Methods, Understanding the Past
8. Hominid Evolution: Early Hominids
9. Hominid Evolution: Homo erectus
10. Hominid Evolution: Homo sapiens
11. Modern Humans: Upper Paleolithic

12. Adaptation to Altitude, Cold, Heat

Laboratory topics may include:

1. Application of scientific methods
2. Investigation of cell biology
3. Examination of genetic traits
4. Exploration of evolutionary mechanisms
5. Investigation of human osteology, forensic and anthropometric methods
6. Comparative behavioral and anatomical studies of non-human primates
7. Comparative anatomy of fossil species
8. Investigation of trends in hominin evolution
9. Investigation into modern human variation and bio-cultural adaptations

Does this course content overlap with a course offered in your academic program? Yes ☒ No ☐

If YES, what course(s) and provide a justification of the overlap. ANTH 345 Bioanthropology explores the same material at an advanced level. ANTH 104 is an introduction and parallels community college offerings.

Does this course content overlap a course offered in another academic area? Yes ☐ No ☒

If YES, what course(s) and provide a justification of the overlap. ☐

Overlapping courses require Chairs' signatures.

8. Cross-listed Courses (Please note each prefix in item No. 1)

- A. List cross-listed courses (Signature of Academic Chair(s) of the other academic area(s) is required).
- B. List each cross-listed prefix for the course: ☐
- C. Program responsible for staffing: ☐

9. References. [Provide 3-5 references]

OLD Delisle, Richard G.

2007 Debating Humankind's Place in Nature. Prentice Hall, Upper Saddle River, NJ.

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

2006 Physical Anthropology. 9th edition. McGraw-Hill, New York.

Strum, Shirley C., Donald G. Lindburg, and David Hamburg

1999 The New Physical Anthropology. Prentice Hall, Upper Saddle River, NJ.

NEW

Silk, Joan B. and Robert Boyd

2011 How Humans Evolved, 6th edition. WW Norton Publishers

Stanford, C., J. Allen and S. Anton,

2012 *Exploring Biological Anthropology: The Essentials* 3rd edition; Prentice Hall Publishing

Jurmain, R., L. Kilgore, W. Trevathan, and R. L. Ciochon

2011 Introduction to Physical Anthropology, 13th edition. Cengage Learning.

10. Tenure Track Faculty qualified to teach this course.

Colleen Delaney, PhD

11. Requested Effective Date or First Semester offered: Fall 2015

12. New Resource Requested: X Yes ☐ No

If YES, list the resources needed.

A. Computer Needs (data processing, audio visual, broadcasting, other equipment, etc.)

☐

B. Library Needs (streaming media, video hosting, databases, exhibit space, etc.)

☐

C. Facility/Space/Transportation Needs:

New laboratory facilities that have already been designated for Anthropology

D. Lab Fee Requested: Yes X No ☐ (Refer to the Dean's Office for additional processing)

E. Other. ☐

13. Will this course modification alter any degree, credential, certificate, or minor in your program? Yes ☐ No X

If, YES attach a program update or program modification form for all programs affected.

Priority deadline for New Minors and Programs: **October 1, 2014** of preceding year.

Priority deadline for Course Proposals and Modifications: **October 15, 2014.**

Last day to submit forms to be considered during the current academic year: **April 15th.**

Colleen Delaney

**30 September
2014**

Proposer(s) of Course Modification

Date

Type in name. Signatures will be collected after Curriculum approval.

GE Committee response to your request have ANTH104: Introduction to Bioanthropology added to B2: Life Sciences -- Biology

Reviewed by GE committee on 9/29/2014.

Approved for Area B2 by GE committee on 9/29/14

Request Submitted

Course: ANTH104 Introduction to Bioanthropology

Area: B2 Life Sciences -- Biology

Date Approved: 9/29/2014

Approval Sheet

Course: ANTH 104

If your course has a General Education Component or involves Center affiliation, the Center will also sign off during the approval process.

Multiple Chair fields are available for cross-listed courses.

Program Chair		
	Signature	Date
Program Chair		
	Signature	Date
Program Chair		
	Signature	Date
General Education Chair		
	Signature	Date
Center for Intl Affairs Director		
	Signature	Date
Center for Integrative Studies Director		
	Signature	Date
Center for Multicultural Engagement Director		
	Signature	Date
Center for Civic Engagement and Service Learning Director		
	Signature	Date
Curriculum Chair		
	Signature	Date
AVP		
	Signature	Date