

I. CATALOG INFORMATION

- A. Discipline: ANTHROPOLOGY
- B. Subject Code and Number: ANTH M01H
- C. Course Title: Honors: Biological Anthropology

D. Credit Course units:

Units: 3

Lecture Hours per week: 3

Lab Hours per week : 0

Variable Units : No

E. Student Learning Hours:

Lecture Hours:

Classroom hours: 52.5 - 52.5

Laboratory/Activity Hours:

Laboratory/Activity Hours 0 - 0**Total Combined Hours** in a 17.5 week term: 52.5 - 52.5

F. Non-Credit Course hours per week _____

G. May be taken a total of: 1 2 3 4 time(s) for credit

H. Is the course co-designated (same as) another course: No Yes

If YES, designate course Subject Code & Number: _____

I. Course Description:

Introduces the scientific method as used in the study of humans as biological organisms. Focuses on human evolution and diversity, including genetics, evolution, primatology, paleoanthropology, human variation, and biocultural adaptation. Examines how humans relate to other living organisms and how the tools of science are used to reconstruct the past history of our species. Honors work challenges students to be more analytical and creative through expanded assignments, real-world applications and enrichment opportunities.

J. Entrance Skills

*Prerequisite: No Yes Course(s)

*Corequisite: No Yes Course(s)

Limitation on Enrollment: No Yes

Recommended Preparation: No Yes Course(s)

Other:

No Yes

K. Other Catalog Information:

Course Credit Limitation: Credit will not be awarded for both the honors and regular versions of a course. Credit will be awarded only for the first course completed with a grade of "C" or better or "P". Honors Program requires a letter grade.

Provider approved by the California Board of Registered Nursing. Provider number CEP2811 for 45 contact hours.

II. COURSE OBJECTIVES

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

		Methods of evaluation will be consistent with, but not limited by, the following types or examples.
1	describe the scientific process as a methodology for understanding the natural world.	multiple choice test, essay examination, group project, term project
2	define the scope of anthropology and discuss the role of biological anthropology within the discipline.	multiple choice test, essay examination, group project, term project
3	identify the main contributors to the development of evolutionary theory.	multiple choice test, essay examination, group project, term project
4	explain the basic principles of Mendelian, molecular and population genetics.	multiple choice test, essay examination, group project, term project
5	evaluate how the forces of evolution produce genetic and phenotypic change over time.	multiple choice test, essay examination, group project, term project
6	demonstrate an understanding of classification, morphology and behavior of living primates.	multiple choice test, essay examination, group project, term project
7	summarize methods used in interpreting the fossil record, including dating techniques.	multiple choice test, essay examination, group project, term project

8	recognize the major groups of hominin fossils and describe alternate phylogenies for human evolution.	multiple choice test, essay examination, group project, term project
9	identify the biological and cultural factors responsible for human variation.	multiple choice test, essay examination, group project, term project
10	Honors: conduct in-depth research for the purpose of gathering and analyzing original data.	group project, term project
11	Honors: critically read primary sources for the purpose of engaging in seminar-style debates/discussions.	multiple choice test, essay examination, group project, term project
12	Honors: creatively synthesize data from primary sources to produce, with original data, a creative research paper or project.	group project, term project
13	Honors: professionally and concisely present in class/public the findings of the creative project or paper.	group project, term project
14	Honors: offer well-reasoned and scientifically sound analyses of issues related to biological anthropology as expressed in mass/public media.	group project, term project, class discussion
15	Honors: attend and participate in public or academic discussions or conferences related to biological anthropology both at Moorpark College and in the greater community.	verify attendance and participation at such events

III. COURSE CONTENT

Estimated %	Topic	Learning Outcomes
Lecture (must total 100%)		
11.00%	Nature of scientific inquiry and the scientific method	1
11.00%	Anthropological perspective	1, 2
11.00%	History and development of biological evolutionary thought	2, 4, 5, 7, 8
11.00%	Molecular, Mendelian and population genetics	2, 6, 8
11.00%	Mechanisms of evolution	8, 9
11.00%	Comparative primate taxonomy, anatomy and behavior	9
11.00%	The nature of the fossil record including dating techniques	8, 9, 10, 11, 12, 13, 14, 15

12.00%	Fossil and genetic evidence of human evolution	7, 8
11.00%	Biocultural adaptations and modern human variation	8, 9, 10, 11, 12, 13, 14, 15

IV. TYPICAL ASSIGNMENTS

A. Writing assignments

Writing assignments are required. Possible assignments may include, but are not limited to:	
1	essays and research papers on topics such as the evidence for evolution.
2	summaries and analyses of guest lectures, films, or other class projects.
3	reports on visits to zoos, museums, and other sites.
4	Honors: research papers integrating independent research with primary source material.

B. Appropriate outside assignments

Appropriate outside assignments are required. Possible assignments may include, but are not limited to:	
1	assigned readings and other projects.
2	visits to zoos, museums, lectures.
3	library or Internet research on the methods of interpreting and dating the fossil record.
4	Honors: research primary sources on topics such as interpreting and dating the fossil record.

C. Critical thinking assignments

Critical thinking assignments are required. Possible assignments may include, but are not limited to:	
1	objective and short-answer exams.
2	class discussions on assigned readings, such as the ethical dimensions of stem cell research, or the parallels between artificial selection and natural selection.
3	oral and written evaluations of topics such as the history and development of biological evolutionary thought
4	Honors: annotated bibliography or research paper on topics such as the hominid fossil record

V. METHODS OF INSTRUCTION

Methods of instruction may include, but are not limited to:

Distance Education – When any portion of class contact hours is replaced by distance education delivery mode (Complete DE Addendum, Section XV)

Lecture/Discussion

Laboratory/Activity

Other (Specify)

Methods of instruction may include visits to zoos and observations of animals.

Optional Field Trips

Required Field Trips

VI. METHODS OF EVALUATION

Methods of evaluation may include, but are not limited to:

- | | | |
|--|---|---|
| <input checked="" type="checkbox"/> Essay Exam | <input checked="" type="checkbox"/> Classroom Discussion | <input type="checkbox"/> Skill Demonstration |
| <input checked="" type="checkbox"/> Problem Solving Exam | <input checked="" type="checkbox"/> Reports/Papers/Journals | <input type="checkbox"/> Participation |
| <input checked="" type="checkbox"/> Objective Exams | <input checked="" type="checkbox"/> Projects | <input checked="" type="checkbox"/> Other (specify) |

Multiple measures may include, but are not limited to:

1. Individual/group writing projects
2. Written or oral quizzes
3. Field assignments
4. Journal reviews
5. Other writing assignments

VII. REPRESENTATIVE TEXTS AND OTHER COURSE MATERIALS

Larsen, Clark Spencer. Our Origins: Discovering Physical Anthropology. 3rd ed. Norton, 2014.

Jurmain, Robert, Wenda Trevathan, and Lynn Kilgore. Essentials of Physical Anthropology. 9th ed. Wadsworth, 2012.

Stanford, Craig, John S. Allen, and Susan C. Antón. Biological Anthropology: The Natural History of Humankind. 3rd ed. Pearson, 2011.

Larsen, Clark Spencer. Essentials of Physical Anthropology: Discovering Our Origins. 2nd ed. Norton, 2012.

Boyd, Robert, and Joan B. Silk. How Humans Evolved. 7th ed. Norton, 2014.

VIII. STUDENT MATERIALS FEES

No Yes

IX. PARALLEL COURSES

College	Course Number	Course Title	Units
UC Los Angeles	ANTHRO 7	Human Evolution	5
CSU, Northridge	ANTH 151	Physical Anthropology	3
Oxnard College	ANTH R101	Introduction to Biological Anthropology	3
UC Merced	ANTH 5	Introduction to Biological Anthropology	4
UC Davis	ANTHRO 1	Human Evolution Biol	4

X. MINIMUM QUALIFICATIONS**Courses Requiring a Masters Degree:**

Master's degree in anthropology or archaeology OR bachelor's degree in either of the above AND master's degree in sociology, biological sciences, forensic sciences, genetics or paleontology OR the equivalent.

XI. ARTICULATION INFORMATION**A. Title V Course Classification:**

1. This course is designed to be taken either:

- Pass/No Pass only (no letter grade possible); or
 Letter grade (P/NP possible at student option)

2. Degree status:

Either Associate Degree Applicable; or Non-associate Degree Applicable

B. Moorpark College General Education:

1. Do you recommend this course for inclusion on the Associate Degree General Education list?

Yes: No: If YES, what section(s)?

- A1 - Natural Sciences - Biological Science
 A2 - Natural Sciences - Physical Science
 B1 - Social and Behavioral Sciences - American History/Institutions
 B2 - Social and Behavioral Sciences - Other Social Behavioral Science
 C1 - Humanities - Fine or Performing Arts
 C2 - Humanities - Other Humanities
 D1 - Language and Rationality - English Composition
 D2 - Language and Rationality - Communication and Analytical Thinking
 E1 - Health/Physical Education
 E2 - PE or Dance
 F - Ethnic/Gender Studies

C. California State University(CSU) Articulation:

1. Do you recommend this course for transfer credit to CSU? Yes: No:

2. If YES do you recommend this course for inclusion on the CSU General Education list?

Yes: No: If YES, which area(s)?

A1 A2 A3 B1 B2 B3 B4
 C1 C2 D1 D2 D3 D4 D5

 D6 D7 D8 D9 D10 E

D. University of California (UC) Articulation:

1. Do you recommend this course for transfer to the UC? Yes: No:
2. If YES do you recommend this course for the Intersegmental General Education Transfer Curriculum (IGETC)? Yes: No:

IGETC Area 1: English Communication

- English Composition
- Critical Thinking-English Composition
- Oral Communication

IGETC Area 2: Mathematical Concepts and Quantitative Reasoning

- Mathematical Concepts

IGETC Area 3: Arts and Humanities

- Arts
- Humanities

IGETC Area 4: Social and Behavioral Sciences

- Anthropology and Archaeology
- Economics
- Ethnic Studies
- Gender Studies
- Geography
- History
- Interdisciplinary, Social & Behavioral Sciences
- Political Science, Government & Legal Institutions
- Psychology
- Sociology & Criminology

IGETC Area 5: Physical and Biological Sciences (mark all that apply)

- Physical Science Lab or Physical Science Lab only (non-sequence)
- Physical Science Lecture only (non-sequence)
- Biological Science
- Physical Science Courses
- Physical Science Lab or Biological Science Lab Only (non-sequence)
-

- Biological Science Courses
- Biological Science Lab course
- First Science course in a Special sequence
- Second Science course in a Special Sequence
- Laboratory Activity
- Physical Sciences

IGETC Area 6: Language other than English

- Languages other than English (UC Requirement Only)
- U.S. History, Constitution, and American Ideals (CSU Requirement ONLY)
- U.S. History, Constitution, and American Ideals (CSU Requirement ONLY)

XII. REVIEW OF LIBRARY RESOURCES

- A. What planned assignment(s) will require library resources and use?

The following assignments require library resources:

Research projects, using the Library's print and online resources, on such topics as the ethical aspects of stem cell research.

- B. Are the currently held library resources sufficient to support the course assignment?

YES: NO:

If NO, please list additional library resources needed to support this course.

XIII. PREREQUISITE AND/OR COREQUISITE JUSTIFICATION

ANTH M01H: Not Applicable

XIV. WORKPLACE PREPARATION

ANTH M01H: Not Applicable

XV. DISTANCE LEARNING COURSE OUTLINE ADDENDUM

ANTH M01H: Not Applicable

XVI. GENERAL EDUCATION COURSE OUTLINE ADDENDUM

General Education Division of Learning [check all applicable boxes]:

- Natural Sciences
 - Biological Science
 - Physical Science
- Social and Behavioral Sciences
 - American History/Institutions
 - Other Social Science
- Humanities
-

- Fine or Performing Arts
- Other Humanities
- Language and Rationality
 - English Composition
 - Communication and Analytical Thinking
- Health/Physical Education
- Ethnic/Women's Studies

Check either Option 1 or Option 2

- OPTION #1:** Moorpark College has already received approval from the CSU and/or UC systems for this course to fulfill a GE requirement. Note: This option applies only to technical revisions and updated courses.
- OPTION #2:** Moorpark College has not received approval from the CSU and/or UC systems for this course to fulfill a GE requirement. This option applies to all new and substantively revised courses.

XVII. STUDENT MATERIALS FEE ADDENDUM

ANTH M01H: Not Applicable

XVIII. REPEATABILITY JUSTIFICATION TITLE 5, SECTION 55041

ANTH M01H: Not Applicable

XIX. CURRICULUM APPROVAL

Course Information:

Discipline: ANTHROPOLOGY

Discipline Code and Number: ANTH M01H

Course Revision Category: Outline Update

Course Proposed By:

Originating Faculty Rachel Messinger 09/02/2015

Faculty Peer: John Baker 09/04/2015

Curriculum Rep: Sandy Bryant 09/09/2015

Department Chair: Andrew Kinkella 09/03/2015

Division Dean: Norman Marten 09/08/2015

Approved By:

Curriculum Chair: Jerry Mansfield 11/29/2015

Executive Vice President: Lori Bennett 10/21/2015

Articulation Officer: Letrisha Mai 09/16/2015

Librarian: Mary LaBarge 09/15/2015

Implementation Term and Year: Fall 2016

Approval Dates:

Approved by Moorpark College Curriculum Committee: 10/06/2015

Approved by Board of Trustees (if applicable): _____

Approved by State (if applicable): _____