

CATALOG INFORMATION

Dept and Nbr: ANTHRO 1 Title: PHYSICAL ANTHROPOLOGY
Full Title: Physical Anthropology
Last Reviewed: 4/25/2022

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	3.00	Lecture Scheduled	3.00	17.5	Lecture Scheduled	52.50
Minimum	3.00	Lab Scheduled	0	6	Lab Scheduled	0
		Contact DHR	0		Contact DHR	0
		Contact Total	3.00		Contact Total	52.50
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 105.00

Total Student Learning Hours: 157.50

Title 5 Category: AA Degree Applicable
Grading: Grade or P/NP
Repeatability: 00 - Two Repeats if Grade was D, F, NC, or NP
Also Listed As:
Formerly:

Catalog Description:
Survey of the human fossil record, primate social behavior and comparative anatomy, genetics, human diversity, and environmental adaptation through evolutionary processes.

Prerequisites/Corequisites:

Recommended Preparation:
Eligibility for ENGL 100A or ENGL 100.

Limits on Enrollment:

Schedule of Classes Information:
Description: Survey of the human fossil record, primate social behavior and comparative anatomy, genetics, human diversity, and environmental adaptation through evolutionary processes. (Grade or P/NP)
Prerequisites/Corequisites:
Recommended: Eligibility for ENGL 100A or ENGL 100.
Limits on Enrollment:

Transfer Credit: CSU;UC. (CAN ANTH2)

Repeatability: Two Repeats if Grade was D, F, NC, or NP

ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:

AS Degree:	Area		Effective:	Inactive:
	C	Natural Sciences	Fall 1981	
	H	Global Perspective and Environmental Literacy		
CSU GE:	Transfer Area		Effective:	Inactive:
	B2	Life Science	Fall 1981	
IGETC:	Transfer Area		Effective:	Inactive:
	5B	Biological Sciences	Fall 1981	
CSU Transfer:	Transferable	Effective:	Fall 1981	Inactive:
UC Transfer:	Transferable	Effective:	Fall 1981	Inactive:

CID:

CID Descriptor: ANTH 110 Introduction to Biological Anthropology
SRJC Equivalent Course(s): ANTHRO1

Certificate/Major Applicable:

Not Certificate/Major Applicable

COURSE CONTENT

Outcomes and Objectives:

The following outcomes and objectives will be measured through classroom discussion, assignments, and exams. Students completing this course will be able to:

1. demonstrate knowledge of the terms, concepts and research methodologies used in the study of human evolution and biological diversity.
2. develop a basic understanding of scientific inquiry and its methods.
3. demonstrate a basic knowledge of the principles of human genetics and the development of modern evolutionary theory.
4. demonstrate comprehension of the place of humankind within the natural world, especially within the primate order (taxonomy and comparative anatomy.)
5. demonstrate a basic knowledge of the fossil evidence for human evolution (names, dates, cranial capacities, and relationships.)
6. recognize and appreciate the environmental sources of biological diversity in modern populations (climate, geography, and other life forms.)
7. evaluate how the human species has impacted the natural environment and how that impact now challenges the future survival of humankind.

Topics and Scope:

1. Introduction to Anthropology as a scientific discipline and to the

- methods of scientific inquiry.
2. The development of modern evolutionary theory.
3. The principles of human genetics.
4. Modern populations, human diversity, and variations in environmental adaptations.
5. Primate taxonomy and skeletal anatomy.
6. The social behavior of non-human primates and their environmental needs.
7. Geologic time scales and chronometric dating techniques.
8. Early primate evolution: The first primates.
9. Early hominid forms in Africa and the origins of culture(s) as an environmental adaptive mechanism.
10. Evolution and expansion of *Homo erectus* from Africa into Asia and Europe. The continuing evolution of Lower Paleolithic culture as an adaptation to expanding environments.
11. Evolution and expansion of *Homo sapiens* in Africa, Asia, and Europe. The Neandertals and other archaic forms. Middle Paleolithic cultures maximizing global environmental niches.
12. Origin and expansion of anatomically modern *Homo sapiens* through Africa, Europe, Asia, Australia, and the Americas. Upper Paleolithic cultures maximizing global environmental niches.
13. Global environmental impact of the human species and challenges for the survival of human beings in the Twenty-first Century.

Assignment:

1. As homework students will read and study assignments in textbooks for each class meeting.
2. Students will be expected to take extensive notes on lectures and and class discussions.
3. Students will write one or more papers on assigned topics, including field observation reports, book response papers, and critical-thought essays.
4. At the preference of the instructor, students may also be assigned map tests and other types of homework, including problem-solving worksheets.

Methods of Evaluation/Basis of Grade:

Writing: Assessment tools that demonstrate writing skills and/or require students to select, organize and explain ideas in writing.

Written homework, Term papers, Book responses, reaction papers and map tests

Writing
30 - 50%

Problem Solving: Assessment tools, other than exams, that demonstrate competence in computational or non-computational problem solving skills.

None

Problem solving
0 - 0%

Skill Demonstrations: All skill-based and physical demonstrations used for assessment purposes including skill performance exams.

None

Skill Demonstrations
0 - 0%

Exams: All forms of formal testing, other than skill performance exams.

Multiple choice, True/false, Completion

Exams
20 - 60%

Other: Includes any assessment tools that do not logically fit into the above categories.

Off campus research (zoo observations)

Other Category
10 - 30%

Representative Textbooks and Materials:

Park, Michael. BIOLOGICAL ANTHROPOLOGY, Third Edition. Mayfield Publishing, 2001.

Jurmain, Robert, Harry Nelson, Lynn Kilgore, and Wendy Trevathan.

INTRODUCTION TO PHYSICAL ANTHROPOLOGY. Wadsworth Publishing Co., 1999.

Campbell, Bernard G. HUMANKIND EMERGING. Allyn and Bacon, 2001.