

ANTHROPOLOGY 280/Spring 2004
BIOLOGICAL ANTHROPOLOGY

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Office Hours: Monday 12:30 – 1:30; Wednesday 1 – 2:30
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Required Textbooks: *Biological Anthropology*, Michael Alan Park. 3rd Edition. 2002. McGraw-Hill Publishing.

Biological Anthropology: An Introductory Reader, Michael Alan Park. 3rd Edition. 2002. McGraw-Hill Publishing.

Anthropology 111 is a pre-requisite for this course. Therefore the instructor will assume that the student has a basic knowledge about the discipline of anthropology and a background in physical anthropology and archaeology. We will review how scientists and anthropologists have studied the origin of humankind through time, and continue to do so today. Recent finds continue to change experts' thoughts about our beginnings and development. Along with paleoanthropological and primatological subject matter, we will delve into other foci of biological anthropologists, such as bioarchaeology, forensic anthropology, and DNA-studies. At the end of the semester, the student will have a renewed and updated knowledge of paleontological subject matter as well as an understanding of the entire gamut of research topics that biological anthropologists undertake in their studies.

Attendance is key to doing well in this course, since the professor will not teach directly from the textbooks. A sign-in sheet will be the "official" document to let the instructor know who was present. If you have a conflict with an exam/assignment turn-in date, you must get your absence approved by the chairman of the Anthropology Department, Dr. Ivan Brady. A medical excuse is required if you are ill/disposed during an exam/assignment turn-in day. No exceptions! Missing an exam/assignment will result in a 0% score for that exam/assignment. There will be two quizzes, one midterm exam, two written assignments, and a final exam. Weighting of assignments/attendance will be as follows:

Quizzes	30%	(15% each)
Lab Exercises	30%	(15% each)
Midterm	20%	
Final Exam	<u>20%</u>	
	100%	

NOTE: For course information, updates, and news, please check my web page, linked to the Anthropology Faculty web site.

SYLLABUS**WEEK ONE 26-30 JANUARY**

Introduction to Anthropology

Focus on Biological Anthropology and Archaeology

{Related Reading: Chapter 1}

WEEK TWO 2-6 FEBRUARY

Historical Background: Charles Darwin and his Impact

Human Biology: Genes and Inheritance – Building Blocks of Variation

{Related Reading: Chapter 2}

WEEK THREE 9-13 FEBRUARY

Human Biology: Genes and Inheritance – Continued.

Classification in Biology

{Related Reading: Chapter 3, 4, and 5; READER Chapter 13}

WEEK FOUR 16-20 FEBRUARY

Primateology: Modern Primates as Models for the Past

{Related Reading: Chapters 6, 7, and 8; READER Chapter 2}

*******20 FEBRUARY, Quiz #1*******

WEEK FIVE 23-27 FEBRUARY

Osteology: Studying the Past through Skeletal Remains

(Related Reading: Chapter 9; READER Chapter 6)

WEEK SIX 1-5 MARCH

Paleoanthropology: Focus on Fossils – Earliest Hominoids/Hominids

{Related Reading: Chapter 10; READER Chapters 1 and 23}

WEEK SEVEN 8-12 MARCH

Palaeoanthropology: The Genus Homo - Origins

{Related Reading: Chapter 11; READER Chapter 24}

*******12 MARCH, Lab Exercise #1 Due*******

WEEK EIGHT 15-19 MARCH: NO CLASSES- SPRING RECESS**WEEK NINE 22-26 MARCH**

Paleoanthropology: Neanderthals and Anatomically Modern Humans

(Related Reading: Chapters 11 and 12; READER Chapter 25)

*******24 MARCH, Midterm Exam*******

WEEK TEN 29 MARCH-2 APRIL

Biological anthropology/DNA studies: Studying Modern Humans

{Related Reading: Chapters 13 and 14; READER Chapter 17}

WEEK ELEVEN 5-9 APRIL

Bioarchaeology: Studying Past Cultures Via Skeletal Material
{Related Reading: READER Chapters 27 and 38}

WEEK TWELVE 12-16 APRIL

Palaepathology: Case Studies
{Related Reading: READER Chapters 29 and 37}
*******14 APRIL, Quiz #2*******

WEEK THIRTEEN 19-23 APRIL

Forensic Anthropology: Skeletal Remains in a Legal Context
{Related Reading: Chapter 15, READER Chapter 3}

WEEK FOURTEEN 25-30 APRIL

Forensic Anthropology: Case Studies
{Related Reading: READER, Chapters 39 and 41}
*******27 APRIL, Lab Exercise #2 Due*******

WEEK FIFTEEN 2-7 MAY

Applied Anthropology: Modern Humans through a Biological Anthropologist's Eyes
{Related Reading: Chapter 15; READER Chapters 4, 40, and 42}

WEEK SIXTEEN 5-9 MAY

FINAL EXAM: MONDAY, 10 MAY @ 10:30 AM IN 307 MAHAR