

Human Paleontology
IB 185/Anthropology 100

Lecture Schedule

JANUARY

Tu 17 Introduction
Th 19 Evolution
Tu 24 The skeleton
Th 26 Zoological systematics
Tu 31 Geology

FEBRUARY

Th 2 Chronology
Tu 7 Paleoclimates; paleolithic archaeology
Th 9 Formation of the fossil record
Tu 14 Historical background to human evolutionary studies
Th 16 Field and laboratory work
Tu 21 Neanderthal: History of discovery and interpretation
Th 23 Upper Pleistocene hominids--Africa; Near East
Tu 28 Upper Pleistocene hominids--Asia; Europe

MARCH

Th 2 *Homo erectus*: History of discovery and interpretation
Tu 7 *Homo erectus*: Current research
Th 9 **MIDTERM**
Tu 14 Early *Homo*: History of discovery and interpretation
Th 16 Early *Homo*: Current research
Tu 21 S. African *Australopithecus*: History of discovery and interpretation
Th 23 S. African *Australopithecus*: Context
Tu 28th & Th 30th: **SPRING RECESS**

APRIL

Tu 4 Robust *Australopithecus*
Th 6 Laetoli and Hadar: The sites
Tu 11 *Au. afarensis*: The species
Th 13 Early hominids: Genera, species, lineages
Tu 18 Paleobiology of *Australopithecus*
Th 20 *Ardipithecus ramidus*
Tu 25 Miocene hominids: *Ardipithecus*, *Orrorin*, *Sahelanthropus*
Th 27 Hominid origins: Facts and scenarios

MAY

NO NEW MATERIAL: RRR WEEK

Laboratory Schedule

None

Osteology

Term Paper Orientation

Fossils & Geology

Archaeology & Taphonomy

Intro. to AMH

Fossil Moderns

Neanderthals

Late *Homo erectus*

Early *Homo erectus*

Early *Homo*

Robust *A'pithecus*

A. afar./A. afric.

Ardipithecus

The University of California at Berkeley
Department of Integrative Biology

Human Paleontology
IB C185/Anthropology C100

Laboratory sections: **NOT** optional. Attend weekly (enroll in one): W 12-2 PM; Th 10 AM-12 PM. Meet in the *Human Evolution Teaching Laboratory*, Room **1007 VLSB**, beginning Week 2. Do not bring food or drink to this laboratory. Handle specimens with care and follow all guidelines.

Recommended texts: *Missing Links*, Reader, J. 2011 (2nd edition).

Schedule: Will be followed for all lectures, exams, and laboratory sessions.

Reading: The book is intended to supplement the lectures and is therefore not required. Therefore, it is YOUR responsibility to identify and review relevant sections of this and other books and other resources before and after the lectures. Note that whereas the recommended 2011 book offers comprehensive treatments of this fast-moving subject matter, discoveries over the last few years are not included in it. Information provided in lecture will be more up-to-date.

Grading: Done on a points-accumulated basis, as follows:

| | |
|--------------|-------------------|
| Midterm exam | 150 points |
| Final exam | 250 points |
| Term paper | <u>100 points</u> |
| Total | 500 points |

Early examinations: There will be **NONE**. If you need one, **DROP** the course. Now.

Make-up examinations: There will be **NONE**.

- If you miss the midterm, your final will be for 400 points.

Term Paper

- Will be developed according to a separate instruction sheet and will involve your critical entry into the primary research literature of human paleontology.
- Will be due the last day of instruction.

Graduate Student Instructor: TBD

Classroom Recording: There is to be **NO video photo recording or photography**, in lecture or in

the laboratory.

Audio recording IS permitted, with instructor approval, and signed contract. If you intend to record lectures and/or laboratories, you will sign a form stating that such recording is solely for your individual student use, and will be reproduced in any form, including online posting.