

EXAMS AND EXAM POLICY:

Quizzes will be administered each Friday at the beginning of class. Each quiz will consist of bone identification, identification of diagnostic features on human bones, and description of bone physiology where appropriate. The quizzes (with the exception of the first week's quiz) will cover material discussed during the previous week. The final exam for ANTH 530 will consist of two parts: (1) a cumulative bone identification quiz and (2) a final take-home essay covering all of the course material. For ANTH 730 the final project will consist of the preparation of a professional osteological report which will be due the last day of exams.

You will be held responsible for all information presented in all media (i.e., films, video tapes, slides, etc.). You are also responsible for all information conveyed in lectures and assigned readings. There are no makeup examinations or quizzes. **All quizzes, all of the technical reports, the final exam, and the final project are required in order to pass the course.**

SCHEDULE:

TOPIC	READING	ANTH 730*
Lecture: Introduction to Osteology Laboratory: Anatomical Terminology	White 1-3 Griffin 1-2	K&S 1
Lecture: Bone Biology Laboratory: Cranium	White 4 Griffin 3-5	K&S 2-3
Lecture and Laboratory: Cranial Metric Variation	White 15 Griffin 6	K&S 6-7
Lecture and Laboratory: Age, Sex, and Race: Cranium	White pp. 338-346 362-364 Griffin 7-9	K&S 4-5
Lecture: Dental Biology Laboratory: Dentition	White 5 Griffin 10-11	K&S 8-9
Lecture and Laboratory: Cranial and Dental Nonmetric Variation	White 20 Griffin 12	K&S 10
Lecture: Osseous Articulations Laboratory: Axial Skeleton	White 6-7 Griffin 13	K&S 11
Lecture and Laboratory: Pectoral Girdle, Upper Extremity	White 8-10 Griffin 14	K&S 12
Lecture and Laboratory: Pelvic Girdle, Lower Extremity	White 11-13 Griffin 15	K&S 13
Lecture and Laboratory: Postcranial Age, Sex, and Race	White pp. 347-378 Griffin 16-18	K&S 14
Lecture and Laboratory: Population Dynamics	White 20	K&S 15
Lecture and Laboratory: Postcranial Metric Variation	White 15 Griffin 20	K&S 16
Lecture and Laboratory: Postcranial Nonmetric Variation	White 20 Griffin 19	K&S 17
Lecture and Laboratory: Bioarchaeology Field Methods and Analysis	White 14-16 Griffin App. B and C	K&S 18
Lecture and Laboratory: Paleopathology	White 18-19 Griffin 22	K&S 19

PROJECTS DUE AND FINAL EXAM -- Friday 16 December 2011 @ 11:00

*ANTH 730 students are responsible for the readings from White and Griffin as well as the readings in Katzenberg and Saunders

RECOMMENDED READING

- BASS, WILLIAM M. 1995. *Human Osteology: A Laboratory and Field Manual, Fourth Edition*. Columbia, Missouri: Missouri Archaeological Society.
- BENNETT, KENNETH A. 1993. *A Field Guide for Human Skeletal Identification. 2nd edition*. Springfield, Illinois: Charles C. Thomas.
- BRAY, TAMARA L. AND THOMAS W. KILLION (EDS.). 1994. *Reckoning with the Dead: The Larsen Bay Repatriation and the Smithsonian Institution*. Washington: Smithsonian Institution Press.
- BROTHWELL, D.R. 1981. *Digging Up Bones*. Ithaca, New York: Cornell University Press.
- BUIKSTRA, JANE E. AND DOUGLAS H. UBELAKER (EDS.). 1994. *Standards for Data Collection from Human Skeletal Remains*. Proceedings of a Seminar at The Field Museum of Natural History. Arkansas Archaeological Survey Research Series No. 44. Fayetteville, Arkansas: Arkansas Archaeological Survey.
- EL-NAJJAR, MAHMOUD Y. AND K. RICHARD MCWILLIAMS. 1978. *Forensic Anthropology: The Structure, Morphology, and Variation of Human Bone and Dentition*. Springfield, Illinois: Charles C. Thomas.
- GRAY, HENRY. 1973. *Anatomy of the Human Body*. Charles Mayo Goss (ed.) 29th edition, Philadelphia: Lea and Febiger.
- HARRINGTON, JUDITH M. AND ROBERT L. BLAKELY. 1995. "Bones in the basement: Bioarchaeology of historic remains in nonmortuary contexts," in *Bodies of Evidence: Reconstructing History Through Skeletal Analysis*. Edited by Anne L. Grauer, pp. 105-119. New York: Wiley-Liss.
- HICKS, ROBERT D. 1997. Time crime: Protecting the past for future generations. *FBI Law Enforcement Bulletin* 66(7):1-7.
- İŞCAN, MEHMET YAŞAR (ED). 1989. *Age Markers in the Human Skeleton*. Springfield, Illinois: Charles C. Thomas.
- İŞCAN, MEHMET YAŞAR AND RICHARD P. HELMER. 1993. *Forensic Analysis of the Skull*. New York: Wiley-Liss.
- İŞCAN, MEHMET YAŞAR AND KENNETH A. R. KENNEDY (eds.). 1989. *Reconstruction of Life from the Skeleton*. New York: Wiley-Liss.
- KROGMAN, WILTON MARION AND MEHMET YAŞAR İŞCAN. 1986. *The Human Skeleton in Forensic Medicine*. Springfield, Illinois: Charles C. Thomas.
- MERBS, CHARLES F. 1992. A new world of infectious disease. *Yearbook of Physical Anthropology* 35:3-42.
- ORTNER, DONALD J. AND WALTER G.J. PUTSCHAR. 1985. *Identification of Pathological Conditions in Human Skeletal Remains*. Smithsonian Contributions to Anthropology, Number 28. Washington: Smithsonian Institution Press.
- REICHS, KATHLEEN J. (ED.). 1998. *Forensic Osteology: Advances in the Identification of Human Remains, Second Edition*. Springfield, Illinois: Charles C. Thomas, Ltd.
- UBELAKER, DH AND LG GRANT. 1989. Human skeletal remains: Preservation or reburial? *Yearbook of Physical Anthropology* 32:249-287.
- WOOD, JAMES W., GEORGE R. MILNER, HENRY C. HARPENDING, AND KENNETH M. WEISS. 1992. The osteological paradox: Problems of inferring prehistoric health from skeletal samples. *Current Anthropology* 33(4):343-370.