

ARCHAEOLOGY 555

HUMAN OSTEOLOGY

Fall 2007

Instructor: Dr. Katzenberg
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Lectures: TR 9:30 - 11:00 ES 743
Lab: T or R 11:00 – 12:45 ES 743

Course Objectives:

This course covers normal human skeletal and dental anatomy at the gross and microscopic levels and emphasizes the application of that knowledge to the analysis of human remains from archaeological contexts. Such applications include determination of sex, age at death, stature and population affiliation. Techniques for reconstructing populations, interpreting disease experience and examining microevolution will be covered. Historical aspects of human osteology and the integration of information obtained from the human skeleton with other archaeological evidence are also discussed. Additional topics include forensic anthropology, the reconstruction of prehistoric diet and ethical issues regarding the excavation, study and sampling of human remains.

Required Texts:

1. Skeleton Keys: An Introduction to human skeletal morphology, development, and analysis, 2nd edition by Jeffrey H. Schwartz. Oxford University Press, 2007.
2. Standards for data collection from human skeletal remains: edited by Jane E. Buikstra and Douglas H. Ubelaker, Arkansas Archaeological Survey Research Series No. 44, latest edition. ISBN 1-56349-075-7.

Recommended Texts:

1. Human Skeletal Remains: Excavation, Analysis and Interpretation (2nd edition), by Douglas H. Ubelaker, Taraxacum, Washington, D.C.
2. Color Atlas of Human Anatomy, (paper edition) by R.M.H. McMinn and R.T. Hutchings, Year Book Medical Publishers.

Grading:

Practical Examination (mid-term)	25% (normal anatomy)
Laboratory Reports	50% (Labs 1 & 2 - 10% each; Labs 3 & 4 - 15% each)
Scheduled Final Examination	25%
(Date set by Registrar's Office)	