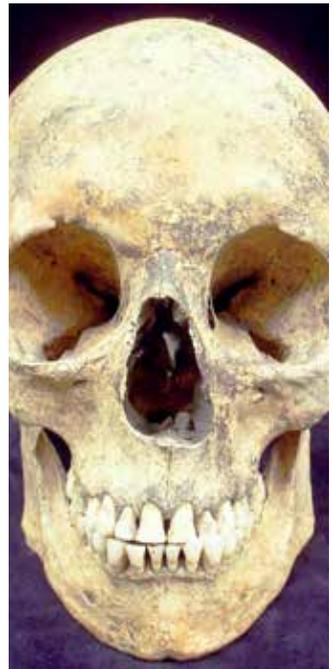


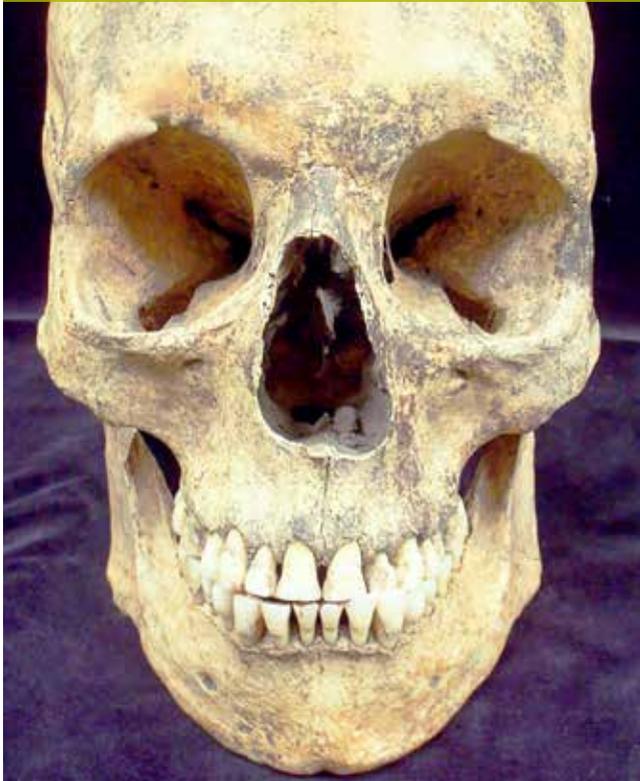
# HUMAN OSTEOLOGY: A FIVE-DAY INTRODUCTION

Taught by Lauren McIntyre and Isabelle Heyerdahl-King



- Acquire a working knowledge of human skeletal anatomy
- Learn how to identify individual bones and fragments
- Understand the human skeleton in its evolutionary context
- Work with both archaeological human remains and casts

# a five-day introduction to **Human Osteology**



A five-day course suitable for those working in: archaeology, museums and other positions within the heritage industry; anyone wanting a taster course in human osteology at an intermediate level; prospective students at undergraduate or Masters level and anyone wishing to refresh their knowledge of human osteology and the interpretation of osteological material.

The course is taught through lectures, presentations and a wide range of practical activities, giving participants the opportunity to apply and consolidate the information given.

The course is delivered by osteoarchaeologist experts with over 25 years practical and professional experience in both the field and the classroom:

- **Dr Lauren McIntyre**, Elmet Archaeological Services
- **Isabelle Heyerdahl-King**, Anatomy Demonstrator, Sheffield Medical Training Unit

Participants will begin to develop skills in:

- Understanding the development of the human skeleton from an evolutionary perspective
- Understanding human musculoskeletal anatomy
- Understanding the fundamental principles of excavating human skeletal material in the field
- Recording a skeleton both in the field and the laboratory
- Estimating age at death, biological sex, and living stature
- Identifying key features of both juvenile and adult dentition
- Understanding key characteristics of bone microstructure
- Recognising dental and non-dental pathology
- Interpreting osteological findings and relating them to the wider archaeological context

## **Day 1**

- Practical arrangements and health and safety
- Handling remains in the field and laboratory
- Introduction to excavating human remains/dealing with human remains in an archaeological context (including current archaeological human remains legislation)
- The human skeleton from an evolutionary perspective

# Course dates: 12–16 January 2015

- Basic skeletal anatomy, handling major bones and learning diagnostic osteological features
- Full skeletal layout

## Day 2

- Assigning estimated age at death
- Biological sex estimation
- Adult living stature estimation
- Demographic analysis and population profiling

## Day 3

- Overview of human dentition
- Identifying deciduous and permanent teeth
- Identifying dental pathology
- Bone taphonomy

## Day 4

- Skeletal pathology
- Introduction to bone microstructure
- Introduction to non-metric traits
- Osteology in context: bringing the dead to life

## Day 5

- Review of the weeks lectures and activities
- Assessment

We are also hoping to include a couple of bonus evening lectures – subject to availability, times and topics will be announced nearer to the course date.

“ **Very useful, learnt a lot! Excellent tuition**

“ **I hugely enjoyed today and feel I have learnt far more than I did during my Osteology sessions as part of my BA**

“ **Really well structured, with plenty of hands on activities and excellent explanations**

“ **All round excellent course – frankly the best and most useful day course I’ve been on in quite some time**



\*Note: This course is not accredited and therefore can not be used as a contribution to any accredited modular course, but the certificate is recognised as a proof of attendance and completion of the course, and of the skills/learning covered.

## Reserve your place

Book and pay online at: [www.heritage.brookes.ac.uk](http://www.heritage.brookes.ac.uk)

Further instructions and information will be sent when we receive your booking.

## Find out more

Contact Dr Hannah Russ

Oxford Brookes Archaeology and Heritage (OBAH)

Email: [OBAH@brookes.ac.uk](mailto:OBAH@brookes.ac.uk)

Tel: +44 (0)1865 483664

## Course venue

Room S114, Sinclair Building, Oxford Brookes University,

Headington Campus, Gypsy Lane, Oxford, OX3 0BP

## Connect with us



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