

Module Details	
Module Title	Analysis of Human Remains
Module Code	ARC7008-B
Academic Year	2024/5
Credits	20
School	School of Archaeological and Forensic Sciences
FHEQ Level	FHEQ Level 7

Contact Hours	
Type	Hours
Lectures	13
Seminars	5
Laboratories	32
Directed Study	140
Practical Classes or Workshops	10

Availability	
Occurrence	Location / Period
BDA	University of Bradford / Semester 1

Module Aims
To provide the student with an understanding of the analysis of human skeletal remains by appreciating theoretical and practical issues studied through lecture and laboratory sessions.

Outline Syllabus
Introduction to skeletal anatomy. Skeletal and dental inventories. Growth, development and ossification. Ethics in human osteoarchaeology. Calculating MNI. Sexual dimorphism and sex assessment. Age estimation in non-adults and adults. Introduction to palaeodemography. Non-metric skeletal variation. Metric analysis. Locating and excavating human remains. Cremated remains. Skeletal taphonomy. Photogrammetry and structured light scanning. Novel morphometrics using 3D datasets.

Learning Outcomes	
Outcome Number	Description
01	Identify human remains (both adult and non-adult) to an advanced level.
02	Analyse and interpret morphological and metrical characteristics to create a biological identity.
03	Critically assess data drawn from a wide variety of sources.
04	Understand digital surrogates of human remains and the associated ethical concerns with their creation and use.
05	Demonstrate report writing and poster production skills.

Learning, Teaching and Assessment Strategy
Lectures cover theoretical issues and their content which are assessed in the skeletal report and poster presentation. Laboratories develop practical skills which are assessed in the skeletal report. Opportunity for detailed skeletal analyses is provided within the hours of directed study. Formative feedback given in lab sessions following informal lab presentations. Summative feedback provided over Canvas, with opportunity to discuss with module leader. Students will use Directed Study for reading of literature detailed in the module documentation and for researching and preparing for coursework, including analysing their allocated skeletons.

Mode of Assessment			
Type	Method	Description	Weighting
Summative	Presentation	Create and present a poster based on 3D imaging practical work.	30%
Summative	Coursework - Written	Skeletal Report (3000 words)	70%
Formative	Coursework - Written	Brief critique (1 page)	N/A

Reading List
To access the reading list for this module, please visit https://bradford.rl.talis.com/index.html

Please note:

This module descriptor has been published in advance of the academic year to which it applies. Every effort has been made to ensure that the information is accurate at the time of publication, but minor changes may occur given the interval between publishing and commencement of teaching. Upon commencement of the module, students will receive a handbook with further detail about the module and any changes will be discussed and/or communicated at this point.