

### Summary Information

<b>Module Code</b>	5310NATSCI
<b>Formal Module Title</b>	Human Osteology
<b>Owning School</b>	Biological and Environmental Sciences
<b>Career</b>	Undergraduate
<b>Credits</b>	20
<b>Academic level</b>	FHEQ Level 5
<b>Grading Schema</b>	40

### Module Contacts

#### Module Leader

Contact Name	Applies to all offerings	Offerings
Alex Wilshaw	Yes	N/A

#### Module Team Member

Contact Name	Applies to all offerings	Offerings
Joel Irish	Yes	N/A
Constantine Eliopoulos	Yes	N/A
James Ohman	Yes	N/A

#### Partner Module Team

Contact Name	Applies to all offerings	Offerings
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### Teaching Responsibility

LJMU Schools involved in Delivery
Biological and Environmental Sciences

## Learning Methods

Learning Method Type	Hours
Lecture	10
Online	1
Practical	24
Tutorial	5
Workshop	18

## Module Offering(s)

Offering Code	Location	Start Month	Duration
SEP-CTY	CTY	September	12 Weeks

## Aims and Outcomes

<b>Aims</b>	To introduce the analysis of human bones and their implications for reconstructing identity.
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## Learning Outcomes

After completing the module the student should be able to:

Code	Description
MLO1	Use osteological material and osteometric equipment appropriately
MLO2	Name the musculoskeletal elements of the appendicular skeleton
MLO3	Name the musculoskeletal elements of the axial skeleton
MLO4	Demonstrate a knowledge of variation in the skeleton and why variation exists
MLO5	Curate osteological material effectively and understand the related ethical and legal issues

## Module Content

### Outline Syllabus

The focus of this module is on learning and understanding the human skeleton, its anatomy and development. Core content includes anatomical orientation and terminology, joints and skeletal anatomy, osteometry, procedures for identifying and siding human bones, as well as identifying their anatomical features, and distinguishing human from non-human bones. The module firstly addresses the appendicular skeleton, followed by the axial skeleton, including specialist topics of skeletal development (juvenile osteology) and human dentition. Evolutionary perspectives of human skeletal development and variation are introduced, alongside contemporary ethical issues such as repatriation.

### Module Overview

This module provides an introduction to the development and anatomy of the bones of the human skeleton with a view to identify human bones and teeth, their significance within the body, the landmarks and measurements used in the field of biological anthropology.

### Additional Information

This module provides an introduction to the development and anatomy of the bones of the human skeleton with a view to identify human bones and teeth, their significance within the body, and the landmarks and measurements used in the field of biological anthropology. Students will be trained in curatorial skills for the osteologist including washing, recording and boxing specimens. Curatorial knowledge of how human material should be stored (temperature, humidity, ethics and legal issues).

## Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Learning Outcome Mapping
Test	Test Appendicular Skeleton	40	0	MLO2, MLO1, MLO5, MLO4
Test	Test Axial Skeleton & Layout	60	0	MLO1, MLO3, MLO5, MLO4