

Liverpool John Moores University

Title: BIOARCHAEOLOGY: BONES, TEETH AND GENES
Status: Definitive
Code: **7002NATSCI** (120785)
Version Start Date: 01-08-2015

Owning School/Faculty: Natural Sciences & Psychology
Teaching School/Faculty: Natural Sciences & Psychology

Team	Leader
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Academic Level: FHEQ7 **Credit Value:** 20.00 **Total Delivered Hours:** 40.00

Total Learning Hours: 200 **Private Study:** 160

Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Lecture	17.000
Practical	3.000
Seminar	8.000
Workshop	12.000

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Portfolio	Discussion	Papers are given at the end of every teaching block and students have to read them, present them and discuss them in class.	25.0	
Presentation	Present	Students select a topic from a	75.0	

Category	Short Description	Description	Weighting (%)	Exam Duration
		given list and present how they will conduct research on this topic.		

Aims

The aim of this module is to provide a broad overview on the different methods used to study human remains in archaeological and anthropological contexts. The contents will be delivered through a combination of lectures, practicals, workshops and seminar sessions by experts in different fields followed by reading and in class discussion of recent literature.

Learning Outcomes

After completing the module the student should be able to:

- 1 Demonstrate a theoretical and practical knowledge of the main aspects involved in the study of human remains in archaeological and anthropological contexts.
- 2 Identify and discuss critically the current literature on the main topics in Bioarchaeology.
- 3 Integrate different methods for the resolution of anthropological and archaeological scientific questions.
- 4 Demonstrate an advanced ability to present ideas in written and oral formats.

Learning Outcomes of Assessments

The assessment item list is assessed via the learning outcomes listed:

Paper discussion	1	2	4
Presentation	1	3	4

Outline Syllabus

Osteological estimation of sex and ancestry, Histology of bones, human evolutionary anatomy, human palaeodemography, Geometric Morphometrics, Functional morphology, Ethical considerations of race and ethnicity, Palaeodiet, Isotope analysis, Palaeogenetics, Population Genetics, Human migrations.

Learning Activities

Lectures, Practical, Workshops and Seminars. Literature review and discussion.

Notes

This module introduces the main areas of research in Bioarchaeology and the different techniques used.