

Introduction to Forensic Archaeology and Forensic Anthropology

Module Code:	ARC7038-B
Academic Year:	2018-19
Credit Rating:	20
School:	School of Archaeological and Forensic Sciences
Subject Area:	Forensic Science
FHEQ Level:	FHEQ Level 7 (Masters)

Pre-requisites:

Co-requisites:

Contact Hours

Type	Hours
Lectures	34
Laboratory	30
Directed Study	136

Availability Periods

Occurrence	Location/Period
BDA	University of Bradford / Semester 1 (Sep - Jan)

Module Aims

This module provides an introduction to related disciplines of Forensic Archaeology (field based search, excavation and recovery) and forensic anthropology (laboratory based documentation and evaluation of human skeletal elements). It will introduce the interdisciplinary study of forensic archaeology and its application to the search and recovery of human remains from a range of different depositional environments. It will also introduce the study of forensic anthropology and its applications. It will provide students with an introduction to the knowledge & practical skills used in the identification of victims of crime, mass disasters, and other types of casualties.

Outline Syllabus

Introduction to forensic archaeology and forensic anthropology. Introduction to anatomy (axial skeleton, appendicular skeleton) Determination of bone versus non-bone, human versus animal bone. Anthropological Estimation of Age, Sex, Ancestry. Evidence of disease, and methods of positive identification. Forensic Archaeology and the Crime Scene to court process, Forensic search, excavation and stratigraphy. Processes of cadaveric decay and the decay/preservation of associated materials. International perspectives on Forensic Archaeology/Anthropology.

Module Learning Outcomes

On successful completion of this module, students will be able to...

- 1 Appraise standard forensic anthropological techniques
- 2 Review the principles of forensic anthropology
- 3 Correctly handle and identify human skeletal remains
- 4 Employ advanced analytical and observational skills

Learning, Teaching and Assessment Strategy

For the Forensic Anthropology topics the lectures and practicals will reinforce lecture content through demonstration and study of human and faunal remains. Feedback: oral feedback will be given in lab sessions. The forensic archaeology component will be presented as a series of lectures, workshops and practicals that will introduce the application of forensic archaeology to crime scene investigation. A key component of the module field based practicals and landscape evaluations based around simulated crime scenes. Involvement in search and recovery of human remains.

A formative bone quiz will run in a practical session at least 2 weeks prior to the assessed bone quiz, as a mock for the assessed quiz and to provide written feedback. Written feedback will be given on the bone quiz and essay. Directed study will be used by students for reading of literature detailed in the module documentation; researching and preparing for the forensic anthropology coursework; and revising for bone quizzes. The forensic archaeology component consists of a stratigraphy based worksheet and a paper based problem solving scenario. In this scenario the candidate is presented with a developing case on which they are required to provide strategy advice and interpretation of the evidence. Formal written feedback will be given in addition to informal performance feedback during the practical sessions.

Mode of Assessment

Type	Method	Description	Length	Weighting	Final Assess'
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Summative	Examination - closed book	Written exam	1 hour	40%	Yes
Summative	Coursework	Stratigraphy Worksheet	-1000 words	10%	No
Summative	Coursework	Paper-Based Forensic Archaeology Exercise	-1500 words	40%	No
Summative	Classroom test	Bone Quiz	30 minutes	10%	No

Legacy Code (if applicable)

Reading List

To view Reading List, please go to [rebus:list](#).