Module Details	
Module Title	Introduction to Forensic Archaeology and Forensic Anthropology
Module Code	ARC7038-B
Academic Year	2023/4
Credits	20
School	School of Archaeological and Forensic Sciences
FHEQ Level	FHEQ Level 7

Contact Hours	
Type	Hours
Lectures	34
Laboratories	30
Directed Study	136

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

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.

Learning Outcomes

Outcome Number	Description
01	Critically appraise standard forensic anthropological techniques.
02	Correctly handle and identify human skeletal remains.
03	Analyse archaeological stratigraphy in a forensic context.
04	Critically evaluate the strengths and weaknesses of different search strategies depending on terrain and target characteristics and prepare a briefing document.

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	Weighting
Summative	Classroom test	Bone Quiz (30Mins)	10%
Summative	Coursework	Stratigraphy Worksheet (1000 words)	10%
Summative	Coursework	Paper-based Forensic Archaeology Exercise (1500 words)	40%
Summative	Coursework	Paper-based Forensic Anthropology Exercise (1500 words)	40%
Formative	Classroom test	Mock Bone Quiz	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.