

Module Details	
Module Title:	Virtual Anatomy for Forensic Sciences
Module Code:	ARC5017-B
Academic Year:	2019-20
Credit Rating:	20
School:	School of Archaeological and Forensic Sciences
Subject Area:	Forensic Science
FHEQ Level:	FHEQ Level 5
Pre-requisites:	
Co-requisites:	

Contact Hours	
Type	Hours
Lectures	8
Tutorials	16
Laboratory	16
Directed Study	160

Availability	
Occurrence	Location / Period
BDA	University of Bradford / Academic Year (Sept - May)

Module Aims
This module will encourage you to explore and develop your knowledge of anatomical soft tissues in a systematic way using digital media alongside traditional methods. Students will learn to use and critically evaluate digital resources, and apply their anatomical knowledge to forensic case work.

Outline Syllabus
Introduction to virtual anatomy; digital x-rays and ct-scanning; searching for and evaluating anatomy resources;

musculo-skeletal system;
 the nervous system;
 the heart and blood vessels;
 major organs of the abdomen;
 anatomy MCQ formative;
 virtual autopsy;
 from injury to incident: telling the story through the body;
 scenario assessment: MCQ formative

Learning Outcomes

1	Demonstrate the ability to research and critically evaluate digital resources.
2	Use those resources to report on the trauma/pathology of a forensic case.
3	Identify and evaluate a range of digital and on-line methods of studying anatomy.
4	Demonstrate the ability to apply anatomical knowledge to your interpretation of a forensic scenario involving trauma.
5	Conduct independent research into digital forensic methods and communicate that research effectively in writing and through presentations

Learning, Teaching and Assessment Strategy

Group work, tutorials, workshops, individual and group presentations will be used to develop your knowledge of anatomy and to identify and evaluate digital resources. These will be supported by interactive lectures, workshops and formative assessment of your knowledge. During directed study hours, you are expected to undertake research for a group assignment evaluating potential digital resources, and report on one of a selection of forensic cases using knowledge you have gained.

Mode of Assessment

Type	Method	Description	Length	Weighting
Summative	Presentation	Group Presentation	20 minutes	20%
Formative	Presentation	Group Presentation	20 minutes	%
Summative	Coursework	Online worksheet 1 - early semester 2	1000 words equivalent	40%
Referral	Coursework	Worksheet	3000 words equivalent	100%
Summative	Coursework	Online worksheet 2 - late semester 2	1000 words equivalent	40%

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.