

Module specification

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Module Code	SCI454
Module Title	Forensic Science for Health Professionals
Level	4
Credit value	10
Faculty	FAST
HECoS Code	100388
Cost Code	GAFS

Programmes in which module to be offered

Programme title	Is the module core or option for this programme
Aligned to BSc (Hons) Forensic Science for QA and assessment purposes	standalone

Pre-requisites

Students must be training or working in a medical or allied health field.

Breakdown of module hours

Learning and teaching hours	10 hrs
Placement tutor support	0 hrs
Supervised learning e.g. practical classes, workshops	8 hrs
Project supervision (level 6 projects and dissertation modules only)	0 hrs
Total active learning and teaching hours	18 hrs
Placement / work based learning	0 hrs
Guided independent study	72 hrs
Module duration (total hours)	100 hrs

For office use only	
Initial approval date	26/04/2023
With effect from date	19/05/2023
Date and details of revision	
Version number	1

Module aims

The aims of this module are to provide students with an understanding of the history, scope, and role of forensic science in criminal investigations, as well as when and how it may intersect with roles in medical and allied health areas. The module will cover practical skills such as evidence collection and preservation as well as the opportunity to work with decomposition samples and human skeletal remains. The module will also include a number of case studies to help contextualised learning

Module Learning Outcomes - at the end of this module, students will be able to:

1	Locate and recover different types of physical evidence.
2	Correctly handle, work with, and identify a range of anatomical material.
3	Accurately record and document forensic investigations.
4	Perform an assessment of age, sex, stature, and trauma of a set of remains.

Assessment

Indicative Assessment Tasks:

This section outlines the type of assessment task the student will be expected to complete as part of the module. More details will be made available in the relevant academic year module handbook.

Assessment 1: Practical

The students will process a simulated crime scene which contains anatomical material which they will then analyse in the laboratory.

Assessment 2: Written Assignment (1200 words)

Students will write a report based on their practical work including any images and drawings produced.

Assessment number	Learning Outcomes to be met	Type of assessment	Weighting (%)
1	1 & 2	Practical	Pass/Refer
2	3 & 4	Written Assignment	100%

Derogations

N/A

Learning and Teaching Strategies

The module will be delivered in line with the University's Active Learning Framework and will involve:

Lectures: To provide students with a comprehensive overview of the key concepts and principles.

Workshops: To allow students to engage with the material and explore different perspectives while also providing an opportunity for students to ask questions and clarify concepts

Practicals: To provide students with hands-on experience in crime scene anatomical techniques.

Online resources and videos: To supplement classroom learning by providing students with additional information and visual aids to further their understanding of the material.

Self-directed study: To empower students to take responsibility for their own learning and to explore topics of interest in more depth.

Indicative Syllabus Outline

- Intro to Forensic Science
- Role of the Crime Scene Investigator
- Recording Crime Scenes
- Evidence Collection
- Cause & Manner of Death
- Intro to Forensic Taphonomy
- Measuring Decomposition
- Intro to Forensic Anthropology

Indicative Bibliography:

Please note the essential reads and other indicative reading are subject to annual review and update. Please *ensure correct referencing format is being followed as per University Harvard Referencing Guidance*.

Essential Reads

Langford, A.M., Dean, J., Reed, R., Weyers, J. & Holmes, D.A. (2019), *Practical Skills in Forensic Science*, 3rd Edition, London: Pearson.

Other indicative reading

Payne-James, J. & Jones, R.M. (2019), *Simpson's Forensic Medicine*. 14th Edition, London: CRC Press.

White, P.C. (2016), *Crime Scene to Court: The Essentials of Forensic Science*, 4th Edition, London: Royal Society of Chemistry.

White, T.D. & Folkens, P.A. (2005), *Human Bone Manual*, Burlington: Elsevier Academic Press.

Employability skills – the Glyndŵr Graduate

Each module and programme is designed to cover core Glyndŵr Graduate Attributes with the aim that each Graduate will leave Glyndŵr having achieved key employability skills as part of their study. The following attributes will be covered within this module either through the content or as part of the assessment. The programme is designed to cover all attributes and each module may cover different areas.

Core Attributes

Engaged
Ethical

Key Attitudes

Commitment
Curiosity
Resilience
Confidence
Adaptability

Practical Skillsets

Organisation
Leadership and Team working
Critical Thinking
Emotional Intelligence
Communication