STUDENT AND ACADEMIC SERVICES

![UWE Bristol | University of the West of England]

MODULE SPECIFICATION

Part 1: Information			
Module Title	Advanced Crime Scene Science		
Module Code	USSJRY-30-M	Level	Level 7
For implementation from	2020-21		
UWE Credit Rating	30	ECTS Credit Rating	15
Faculty	Faculty of Health & Applied Sciences	Field	Applied Sciences
Department	HAS Dept of Applied Sciences		
Module type:	Standard		
Pre-requisites	None		
Excluded Combinations	None		
Co- requisites	None		
Module Entry requirements	None		

Part 2: Description

Educational Aims: See Learning Outcomes

Outline Syllabus: This module examines advanced techniques in crime scene investigation including:

Special evidence types: e.g. pollen, soil, plant material, insects.

Volume Crime Personnel and Procedures; Good practice in Crime Scene Examination.

Major Crime Scenes: roles of personnel, procedures, requirements. Specialist personnel.
Practical exercises: a variety of mock scenes of serious crime.

Mass disasters (major accidents or natural disasters).

War crimes.

Quality assurance (training, NOS, the Forensic Regulator, Continuing Professional Development (CPD), performance monitoring).

Special Scenes (including advanced methods of evidence recovery) with some practical exercises, such as fire scenes, scenes involving firearms, explosions, vehicle investigation, outdoor scenes, clandestine burials, underwater forensics, terrorist crime, computer crime, drug laboratories.

Special equipment: Alternative light sources, enhancement techniques, ground penetrating radar, chemical sniffers/ mobile labs, real time PCR (chip technology), drug testing kits, crime scene measuring equipment.

Teaching and Learning Methods: There are 66 contact hours distributed between:
interactive lectures
practicals
workshops/seminars

The theoretical material will be delivered mostly as lectures reinforced by directed reading, practical activities and directed tasks. The practical work will support and extend lecture material, and will include simulation workshops. Tutorials and learning support will be offered at key times. Online resources will support the module. It will provide access to course documents, sample exam questions and other learning materials. Some lectures will be open to the forensic science community for CPD purposes.

Scheduled learning includes lectorials and simulated practical classes.

Independent learning includes hours engaged with essential reading, assignment preparation and completion, etc. These sessions constitute an average time per level.

Part 3: Assessment

The Assessment Strategy has been designed to support and enhance the development of both subject-based and employability skills, whilst ensuring that the module's Learning Outcomes are attained, as described below.

Component A is an online written exam over a 24 hour period. This assessment will provide students with an opportunity to demonstrate their knowledge on a broad range of topics through a selection of essay questions. This assessment will test a range of the learning outcomes and will provide a valuable learning experience through critical evaluation and demonstrating knowledge.

The coursework comprises a practical examination of a simulated crime scene, including full documentation.

Opportunities for formative assessment and feedback are built into the workshop and practical series, through discussion of current research, the evaluation of current professional practice, and review of past exam papers.

All work is marked in line with the Department's Generic Assessment Criteria and conforms to university policies for the setting, collection, marking and return of student work. Assessments are described in the Module handbook that is supplied at the start of module.

Formative feedback is available to students throughout the module through group discussions, practical classes and in lectorials. Students are provided with formative feed-forward for their online exam through a revision and preparation session prior to the assessment and through the extensive support materials supplied through Blackboard.

First Sit Components	Final Assessment	Element weighting	Description
Set Exercise - Component B		50 %	Practical crime scene examination, including full documentation
Examination (Online) - Component A	✓	50 %	Online examination (24 hours)

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Resit Components	Final Assessment	Element weighting	Description
Portfolio - Component B		50 %	Portfolio - practical report, data interpretation and written task
Examination (Online) - Component A	✓	50 %	Online Examination (24 hours)

Part 4: Teaching and Learning Methods	
Learning Outcomes	On successful completion of this module students will achieve the following learning outcomes: <table><tr><td>**Module Learning Outcomes**</td><td>**Reference**</td></tr><tr><td>Develop, explain and justify according to national occupational standards (NOS) and rationally explain strategies for the investigation of various types of crime scenes and best practice</td><td>MO1</td></tr><tr><td>Competently investigate a variety of crime scenes through performing the roles of scene-attending personnel up to and including that of crime scene manager</td><td>MO2</td></tr><tr><td>Competently investigate a variety of crime scenes through assessing, preserving, recovering and storing physical evidence</td><td>MO3</td></tr><tr><td>Competently investigate a variety of crime scenes through documenting scenes through contemporaneous records, statements, drawings and photographic methods</td><td>MO4</td></tr><tr><td>Critically evaluate and appraise new developments in crime scene investigation</td><td>MO5</td></tr></table>
Contact Hours	**Independent Study Hours:** <table><tr><td>Independent study/self-guided study</td><td>234</td></tr><tr><td>**Total Independent Study Hours:**</td><td>234</td></tr></table> **Scheduled Learning and Teaching Hours:** <table><tr><td>Face-to-face learning</td><td>66</td></tr><tr><td>**Total Scheduled Learning and Teaching Hours:**</td><td>66</td></tr><tr><td>**Hours to be allocated**</td><td>300</td></tr><tr><td>**Allocated Hours**</td><td>300</td></tr></table>
Reading List	*The reading list for this module can be accessed via the following link:* https://uwe.rl.talis.com/modules/ussjry-30-m.html

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Part 5: Contributes Towards
This module contributes towards the following programmes of study: